THE

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FOR

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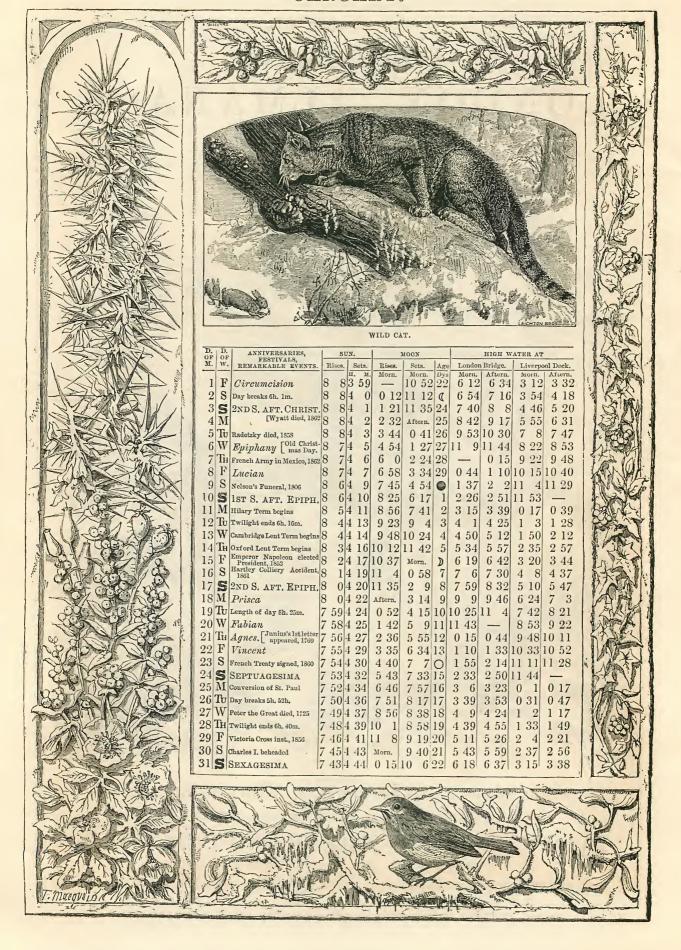
ORIGINAL DESIGNS AS HEADINGS TO THE CALENDAR;

PICTURES OF FRESH-WATER FISH,

PRINTED IN COLOURS, BY LEIGHTON BROTHERS;

NUMEROUS FINE-ART ENGRAVINGS; AND A VARIETY OF USEFUL INFORMATION.

LONDON: PUBLISHED AT THE OFFICE OF THE ILLUSTRATED LONDON NEWS, 198, STRAND.





"MORNING," BY DICKSEE.—FROM "THE ILLUSTRATED LONDON NEWS."

THE QUEEN AND ROYAL FAMILY.

THE QUEEN AND ROYAL FAMILY.

THE QUEEN.—Victoria, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, was born at Kensington Palace. May 24, 1819; succeeded to the throne June 20, 1837, on the death of her uncle, King William IV.; was crowned June 28, 1838; and married, February 10, 1840, to his Royal Highness Prince Albert. Her Majesty is the only child of his late Royal Highness Edward Duke of Kent, son of King George III. The children of her Majesty are:—

Her Royal Highness Victoria-Adelaide-Mary-Louisa, Princess Royal, born November 21, 1840, and married to his Royal Highness Prince Frederick William of Prussia, January 25, 1858.

His Royal Highness Albert-Edward, Prince of Wales, born November 9, 1841; married, March 10, 1863, Alexandra of Denmark (Princess of Wales), born December 1, 1844.

Her Royal Highness Alice-Maud-Mary, born April 25, 1843; married to H.R.H. Prince Frederick Louis of Hesse, July 1, 1862.

His Royal Highness Helema-Augusta-Victoria, born Mayel 18, 1848.

His Royal Highness Louisa-Carolina-Alberta, born March 18, 1848.

His Royal Highness Louisa-Carolina-Alberta, born March 18, 1848.

His Royal Highness Louisa-Carolina-Alberta, born March 18, 1850.

His Royal Highness Beatries-Mary-Victoria, born March 18, 1853.

Her Royal Highness Beatries-Mary-Victoria, born March 18, 1853.

Her Royal Highness Beatries-Mary-Victoria-Feedore, born April 17, 1853.

Her Royal Highness Beatries-Mary-Victoria-Feedore, born April 14, 1857.

George-Frederick-William Charles, K.G., Dure of Cameridee, cousin to her Majesty, born March 26, 1819.
Augusta-Wilhelmina-Louisa, Duchess of Cameridee, nices of the Landgrave of Hosse, born July 25, 1705; married, in 1818, the late Duke of Cambridge; aunt to her Majesty.
George-Frederick-Alexander-Charles-Ernest-Augustus, K.G., King of Hanover, cousin to her Majesty, born May 27, 1819.
Augusta-Caroline-Charlotto-Elizabeth-Mary-Sophia-Louisa, daughter of the late Duke of Cambridge, and cousin to her Majesty, born July 19, 1822.
Mary-Adelande-Wilhelmina-Elizabeth, daughter of the late Duke of Cambridge, and cousin to her Majesty, born Sovember 27, 1833.

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Chancellor of the Exchequer
Lord President of the Council
Lord Privy Seal

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Riest Lord of the Admiralty First Lord of the Treasury
Lord High Channellor
Chaneellor of the Exchequer
Lord President of the Council
Lord Privy Seal
Lord .. Viscount Palmerston. (The above form the Cabinet.)

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SCOTLAND.

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Farringdon Without
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Billingsgate
Partsdrap 1829 1831 1835 1842 1843 1844 1844 1848 1848 1849 1851 1856 THE FOLLOWING HAVE NOT PASSED THE CHAIR.

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G. Whitbread.

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Registrar—H. C. Rothery.
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Principal—Right Hon. S. Lushington.
Registrar—J. Shephard.

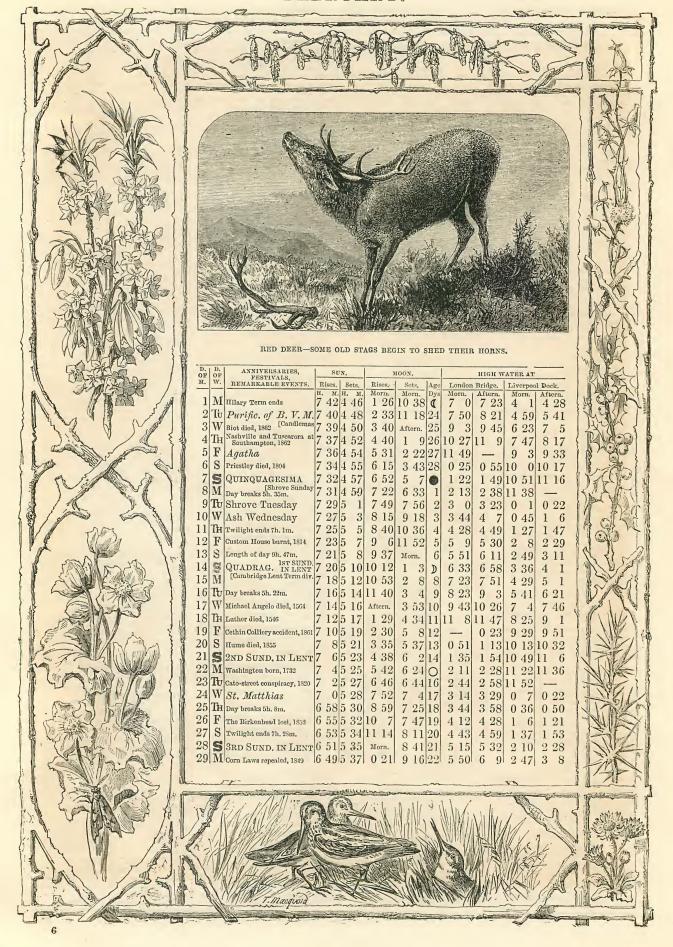
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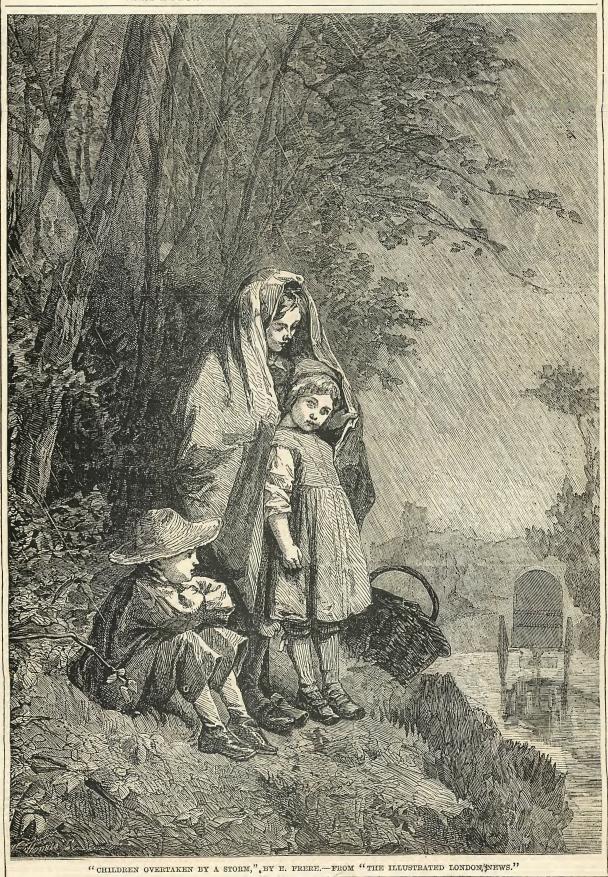
VICAR-GENERAL'S OFFICE, BELL-YARD, DOCTORS'-COMMONS Vicar-General—T. Twiss, D.C.L. Registrar—F. H. Dyke.

FACULTY OFFICE,
10, GREAT KNIGHTRIDER-STREET.
Master—Right Hon. S. Lushington.
Registrar—Hon. J. Manners Sutton.

BANKRUPTCY COURT, BASINGHALL-STREET.

Commissioners—J. S. M. Fonblanque,
R. G. C. Fane, E. Holroyd, Serjeant E. Goulburn. Chief Registrar—W. H. Whitehead.





FRESH-WATER FISHES IN THEIR SEASON. JANUARY AND FEBRUARY.

FRESH-WATER FISHES IN THEIR SEASON.

JANUARY AND FERRUARY.

IP we except the salmon, the fresh-water shear that of the British isles have at present no commercial vathe, as they are not expirence, either individually or in the negregate, for the purposes of commerce, but to persons with our found in the large English or Scotish lakes or canght in the same with our found of some miles and a large number of fine three and interest in the large English or Scotish lakes or canght in the same life in the large English or Scotish lakes or canght in the same life in the large English or Scotish lakes or canght in the same life in the large English or Scotish lakes or canght in the same life in the large English or Scotish lakes or canght in the same life in the large English or Scotish lakes or canght in the same of simple or may be numbered with ease on our ten fingers. Fishers who live in the residual of large cities are obliged, in consequence, to centare them in eligibiourhood of large cities are obliged, in consequence, to centare them in the property of the same life in the large same large in the same large in

"pirate of the waters," as the pike has come to be named, affords capital sport to the major, as it is a fighting fish, and grows to a large size. Pike spaws in the strength of the major and the provided of the provided of

THE CALENDAR.

PRINCIPAL ARTICLES OF THE CALENDAR FOR THE YEAR OF OUR LORD 1864.

					Gregorian, or	Julian, or
					Now Calendar.	Old Calendar.
Golden Number					3	3
Epact					IIXX	III
Solar Cycle					25	25
Roman Indiction					7	7
Dominical Letter				1.	CB	ED
Septuagesima					Jan. 24	Feb. 16
Ash Wednesday		110			Feb. 10	March 4
The stan Compilar	0.5	111	11		March 27	April 19
				13	May 5	May 28
Ascension Day	037	• •			7 15	Julie 7
Pentecost -Whit Sund	E.		• •	11	Nov. 27	Nov. 29
1st Sunday in Advent		* *			54.5	TOV. MR

The year 1864 is the latter part of the 5624th and the beginning of the 5625th year since the creation of the world, according to the Jews. The year 5625 commences on Oct. 1, 1831.

The year 1864 answers to the 6577th year of the Julian Period, to the 2617th from the foundation of Ronie, to the 2640th year of the Ulympiads, find to the year 7372-3 of the Byzantine Era.

The year 1281 of the Mohammedan Era commences on June 6, 1864, and Ramadan (month of abathlience observed by the Turks) commences on Feb 9, 1864.

CALENDAR OF THE JEWS FOR THE YEAR 1864. .

5624.	1	1863.	T	NEW MOONS AND FEASTS.
m 1 43	1	December 1	1	
Tebeth	10	9	20	Fast: Siege of Jerusalem
,,	10	1864.		2 400 . 15100 0 0 0
Schebat	1	January	9	
Adar	1	February	8	
,,,	14		21	Lesser Parim
W'adar	1	March	9	East of Esther
,,	13 14	"	22	Purini
,,	15	,,	23	Sehuschan Purim
Nisan	1	April	7	None and a second
1/15/11/	15	., 2	21	Passover commences*
"	16	., 2	22	Second Feast*
"	21	., 2	27	Seventh Feast*
"	22		28	Eighth Feast*
Ijar .	1	May	7	Lag B'omer
"	18		5	Lag B omer
Sivan	6	June	10	Feast of Weeks*
"	7		11	Second Feast*
Thamuz	i	July	5	20004111
"	17	- 11	21	Fast: Seizure of the Temple
Ab"	1	August	3	
,,	9		11	Fast: Destruction of the Temple*
Elul	1	September	2	
5625. Tischri	1	October	1	New Year's Feast*
	2		2	Second Feast*
"	3	"	3	Fast: Death of Gedaliah
"	10	",	10	Fast: Day of Atonement*
"	15	,,	15	Feast of the Tabernacles*
"	16	.,	16	Second Feast*
,,	21	,,	21	Feast of Branches
"	22		22	End of Feast of Tabernacles*
"	23		23 31	Feast of the Law*
Marsches.	1		30	
Kislev	25		24	Feast of the Dedication of the Temple
Tebeth	1	250000000000000000000000000000000000000	30	Total II one a diamenton on the control
1000011	1	is65.	-	
,,	10	January	8	Fast: Siege of Jerusalem
,,,			wit	h an asterisk are strictly observed.
		THOSO THEFT ACC	40	

BEGINNING OF THE SEASONS, 1864.

				D.	и. м.		
Sun enters Capricornus a	nd Winter	begin	s, 1863,	Dec. 22	7 6	a.m.	
Arring	" Spring	,,	1864, 1	March 20	8 10	a.m.	
Concor	" Summ			June 21		a.m.	
Tibra	, Autum			Sept. 22	7 16	p.m.	1
, ,,	, Winter		,,	Dec. 21	1 8	p.m.	
The Sun will consequent	v be in th	ne Wiu	ter signs	89	1 4		
	,,	Sprin	ng "	92 5	20 42		
),),),),	,,	Sum		93			
		Antı	ımıı "	89			
Mile Cummon Organtor is	therefore	4 days	13 hours	and 20 n	ninute	es long	ger
than the Winter 3 days	20 hours	and 3	7 minute	es longer	than	that	of
Autumn; and 17 hours and			r than tr	iat of Spri	ug.		
The Sun will be on th	e) 1881	D. H.	M.	his declin.	hoine	6 6	ő
Equator and going North .		20 8	10 26.111.,	ms decitin	Denie	, 0	u
The Sun will reach his	2.1	21 4	52 a.m.			23 27	18
greatest North declination .	. Samie	21 4	ou term.	"	23	17 21	2 =
The Sun will be on th		22 7	16 p.m.	,,	,,	0 9	0
Equator and going South .	.)	22 :	To Direct	,,	,,	0 0	
The Sun will reach hi	S Dec.	21 1	3 p.m.	"	,,	23 27	17
greatest South declination		ar i i			3.0	40	
The Sun will be North of	the Equat	or (con	iprising t	he periods	of Si	oring a	and
Summer 186 days 11 hours	6 minutes						
The Sun will be South of	the Equa	tor (co	mprising	tue perio	us oi	Autu	шш
and Winter) 178 days 18 hou	irs 51 min	utes.					

1		
	MOHAMMEDAN CALENDAR FOR THE YEAR 1864.	
Year.	Name of the Months. Month begins.	
1280.	Redscheb I December 12, 186	
,,	Schabân I January 11, 186	4.
,,	Ramadân I February 9 ,, Schewwâl I March 10	
"	A muil C	
"	Dsu'l-kade I	
1281.	Moharrem I June 6 ,,	
,,	Safar I July 6 ,,	
,,,	Rebi el-awwel I August 4 ,,	
,,,	Inchi Ci-modifici I.	
, ,,	Destrict of a color I	
"	Redscheb I	
))))))))	Schaban I December 30 ,,	
27	Ramadan January 28, 186	5.
sould.		-

LAW TERMS, 1864.

As settled by Statutes 11 Geo. IV., and 1 Will. IV., cap. 70, s. 6 (passed July 23, 1830); and 1 Will. IV., cap. 3, s. 2 (passed Dec. 23, 1830).

Hilary Term		begins	January	11	and ends	February	1
Easter Term ::	1		April	15		May	9
Trinity Term		"	May	22		June	13
Michaelmas Term	91	"	Novemb		, ,,	November	25

UNIVERSITY TERMS, 1864.

	OMFORD.					
TERM.	BEGINS.	ENDS.				
Easter Trinity	January 14 April 6 May 18 October 10	March 19 May 14 July 9 December 17				
	The Act	The Act, July 5.				

CAMBRIDGE.							
TERM.	BEGINS.	DIVIDES.	ENDS.				
Lent Enster Michaelmas	January 13 April 1 October 1	Feb. 14, Midnight May 13, Noon. Nov. 8, ,,	March 18 June 24 Dec. 16				
	Tho	Commencement June	91				

ASTRONOMICAL SYMBOLS AND ABBREVIATIONS.

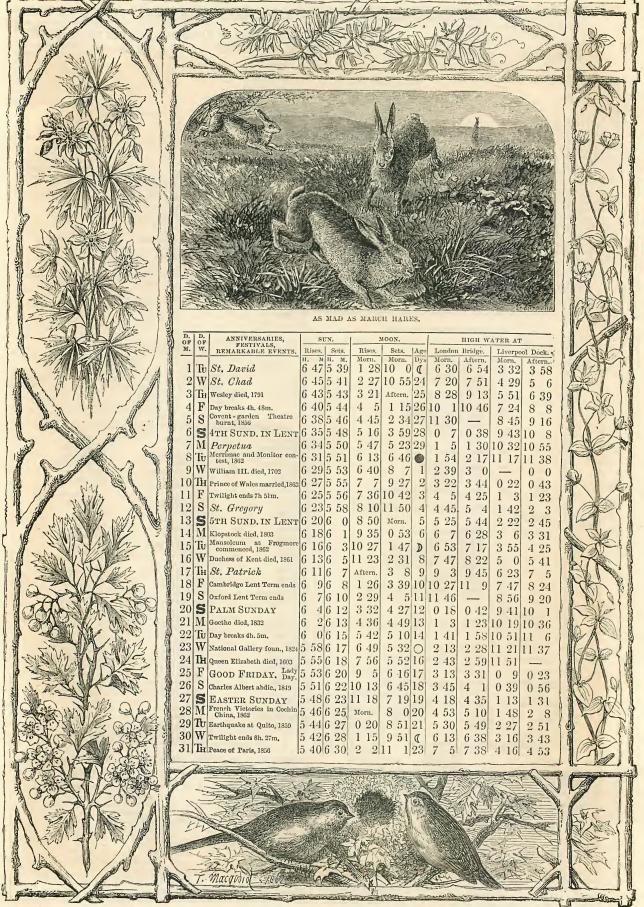
١	WOTTOWOM OWITOWI	I STREETS AND AD.	DIGHT VIALITOTIO.
	O The Sun New Moon) First Quarter of Moon O Full Moon ((Last Quarter of Moon O Mercury Venus O or 5 The Earth 6 Mars Ceros Pallas Juno Vesta 5 Astrea 6 Hebe 7 Iris 8 Flora 9 Metis 10 Hygeia 11 Parthenope	27 Euterpo 28 Bellona 29 Amphitrite 30 Urania 31 Euphrosyne 32 Pomona 33 Polyhymnia 34 Circe 35 Leucothea 36 Fides 37 Atalanta 38 Leda 39 Lættita 40 Harmonia 41 Daphne 42 Isis 43 Ariadno 44 Nysa 45 Eugenia 46 Hestia	62 Erato 63 Ausonia 64 Angolina 65 Maximiliana 66 Maia 67 Asia 68 Leto 69 Hesperia 70 Panopea 71 Niobe 72 Feronia 73 Clytie 74 Galatea 75 76 Freia 77 78 Diana 2 Jupiter
	5 Astrea	40 Harmonia	75 ——
	7 Iris 8 Flora	42 Isis 43 Ariadne	77 — 78 Diana
	10 Hygeia	45 Eugenia	
	13 Egeria 14 Irene 15 Eunomia	48 Doris 49 Pales 50 Virginia	' Minutes of Arc ' Seconds of Arc
	16 Psyche 17 Thetis 18 Melpomene	51 Nemausa 52 Europa 53 Calypso	D Days H Hours M Minutes of Time
	19 Fortuna 20 Massilia 21 Lutetia	54 Alexandra 55 Pandora 56 Melete 57 Mnemosyne	S Seconds of Time Sunday Monday Tuesday
	22 Calliope 23 Thalia 24 Themis 25 Phocea	58 Concordia 59 —— 60 Daniie	Wednesday Thursday Friday
	26 Proserpine	61 Echo	h Saturday

The Symbol & Conjunction, or having the same Longitude or Right Ascension.

"Quadrature, or differing 90° in Longitude or Right Ascension.

"By Opposition, or differing 180° in Longitude or Right Ascension.

FIXED AND MOVABLE FESTIVALS, ANNIVERSARII	ES, &c	3.
Epiphany Jan. 6 Pentecost-Whit Sunday		15
Sentuagesima Sunday ,, 24 Trinity Sunday	,,	22
Quinquagesima-Shrove Sund. Feb. 7 Birth of Queen Victoria	99	24
Ash Wednesday ,, 10 Corpus Christi		
Quadragesima-1st Sunday } 14 Accession of Queen Victoria		
in Lent Proclamation		21
St. David March 1 St. John Baptist-Midsum-		24
St. Patrick , 17 mer Day	"	
Palm Sunday, 20 St. Michael - Michaelmas	Sept.	29
Annunciation—Lady Day ,, 25 Day	-	
Good Friday ,, 25 Birth of Prince of Wales	Nov.	9
EASTER SUNDAY, 27 1st Sunday in Advent	,,	27
Low Sunday April 3 St. Andrew	7)	30
ab. deorge	Dec.	21
Rogation Sunday May 1 CHRISTMAS DAY	99	25
Ascension Day—Holy Thursd. ,, 5		





"MUSIC," BY A. B. CLAY.—FROM "THE ILLUSTRATED LONDON NEWS."

THE ILLUSTRATED LONDON ALMANACK FOR 1864. BILLS OF EXCHANGE, PROMISSORY NOTES, &c. PROMISSORY NOTE for the Payment STAMP AND OTHER GOVERNMENT DUTIES. in any other manner than to the Bearer on Demand of any sum of INLANT BILL OF EXCHANGE, DRAFT, or Order for Payment to the Bearer, or to Order, at any time otherwise than on Demand, of any sum of money:— RECEIPTS. money :-For £2 and upwards ... One Penny. N.B. Persons receiving the money are to pay the duty. Not exceeding £5 Above £5 and not exc: £10 ... , 10 ... , 25 ... , 50 ... , 75 \$ d. .011 .02 25 .03 50 .06 75 .09 100 .10 Receipts may be stamped within fourteen days of date on payment of £5, or within one month on payment of £10, penalty: after that time they Not exceeding £5 ... Exc. £5 and not exc. £10 ... Not Exc. £5 10 or within the Hollar st. 12 and the cannot be stamped. Penalty for giving a receipt without a stamp Penalty for not effectually cancelling or obliterating addressvest mas 75 Promissory Note for the payment, either to the Bearer on Demand, or in any other manner than to the Bearer on Demand, of any sum of :: :: Penalty for frauds in the use of adhesive stamps Bearer on Demand, of any sum of money:— £ a.d. Exc.£100 and not exc.£200 ... 0 2 0 , 200 ... 800 ... 0 2 0 , 300 ... 400 ... 0 5 0 , 400 ... 500 ... 0 5 0 , 500 ... 750 ... 750 ... 0 70 , 1500 ... 1500 ... 0 10 0 , 1500 ... 2000 ... 1 00 , 1500 ... 2000 ... 1 00 , 2000 ... 3000 ... 1 00 £4000 and upwards, 10s. per £1000. AGREEMENTS (NOT UNDER SEAL). AGREEMENTS (NOT UNDER SEAL). 6d. If the agreement contains 2160 words, or upwards, then for every quantity of 1080 words over the first 1080 a further progressive duty of 6d. Exemptions.—Letters containing any agreement in respect of merchandise, by post, between morehants or traders in Great Britain or Ireland, residing, and actually being, at the time, at the distance of lifty miles from each other; agreements relating to sale of goods; to hire of labourers, servants, and saamen; and to rack-rent leases under £5 per annum. Agreements may be stamped within fourteen days after date without penalty, and at any time after fourteen days on payment of £10 penalty. £4000 and upwards, 10s. per £1000. LEASES AND CONVEYANCES. APPRENTICES' INDENTURES, Lease or Tack of any lands, tenements, hereditaments, or heritable subjects, at a yearly rent, for less than thirty-five years, or less than a year, without any sum of money by way of fine, premium, or grassum paid for £M. £ s. d. 0 2 6 1 0 0 2 0 0 3 0 0 6 0 0 12 0 0 20 0 0 25 0 0 30 0 0 40 0 0 60 0 0 Under £30 ... For £30 and under £50 the same :the same :— Yearly rent not exceeding £5 ... 0 6 | Exceed. £25 and not exc. £50 ... 5 0 | Exceed. £5 and not exc. £10 ... 1 0 | ... 50 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | ... 75 | 100, ... 300 400 500 600 300 400 500 ;; 600 ; 809 ;; 800 ; 1000 ;; 1000 and upwards 500 750 1000 1500 2000 3000 4000 60 exceeding 100 Years Contracts to serve as Artificers, Selvants, Clerks, Mechanics, or La-bourers, in the British Colonies are exempted from stamp duty. ..68 ..100 £ s. d. 0 6 0 0 12 0 0 18 0 1 4 0 1 10 0 3 0 0 4 10 0 6 0 0 3000 ..10 0 4000 ..13 4 5000 ..16 8 8 0 3 0 6 0 9 0 12 0 15 1 10 2 5 3 0 ## 4000 ## 4000, 10 S Exceeding £4000, for overy £1000 or fraction . . . 3 4 Foreign Bill of Exchange drawn out of, and payable within, the United Kingdom, not exceeding £500, same as Inland Bill. Ditto, exceeding £500 is now £100. 0 0 0 0 0 0 PROTESTS. Same exceeding £100, then for every £50, and also \} 1 10 0 \ 60 0 0 \ 60 0 0 \ 60 0 \ 60 0 \ 60 as Inland Bill. Ditto, exceeding £500, 1s. per £100. Foreign Bill of Exchange drawn out of, and payable out of, the United Kingdom, but indersed or negotiated within the United Kingdom, same duty as on Foreign Bill drawn within the United Kingdom and payable out of the United Kingdom. Duty on Foreign Bills drawn out of the United Kingdom to be denoted by adhesive stamps. Bill of lading ... 0 6 (Cannot be stamped after execution.) Charterparty 5 0 (Charterparty may be stamped within fourteen days after execution free of penalty; within one month, 210 penalty; after one month, cannot be stamped.) by adhesive stamps. CHEQUES, DRAFTS, OR ORDERS ON DEMAND. All Drafts, Warrants, or Orders for the payment of money are chargeable with a stamp duty of one penny, by using an adhesive receipt stamp, which must be cancelled by the person drawing the cheque, draft, or order, by writing his name on the stamp. BONDS AND MORTGAGES. Not exceeding ... £50 ..ls. 3d. Exc. £150 and not exc. £200 ..5s. 0d. Exc. £50 and not exc. 100 ..2 6 ... 200 ... 250 ... 6 3 ... 100 ... 150 ... 3 9 ... 250 ... 300 ... 7 6 ... And where the same shall exceed £300, then for every £100, and also And where the same shall exceed £300, then for every £100, and also for any fractional part of £100, s 6d. And where any such bond or mortgage shall contain 2160 words or upwards, then for every entire quantity of 1080 words contained therein over and above the first 1080 words there shall be charged the further progressive duty following—viz., where such bond or mortgage shall be chargeable with any ad valorem stamp duty, not exceeding 10s., a further progressive duty equal to the amount of such ad valorem duty or duties. And in every other case a further progressive duty of 10s. See, as to Inland Revenue Bonds, the 18th and 19th Vict., c. 78, s. 6. LETTER OR POWER OF ATTORNEY.

Letter or Power of Attorney, or commission or factory in the

Letter or Power of Attorney, or commission or factory in the nature thereof.

And where the same, together with any schedule or other matter put or indersed thereon, or annexed thereto, shall contain 2160 words or upwards, then for every entire quantity of 1080 words contained therein, over and above the first 1080 words, a further progressive duty of 20s. under 55th George III., but under Act of 1850 Power for payment of an annual sum not exceeding £10, or a sum not exceeding £20 0 10 0 0 5 0

To ditto any other ground
To any Ecclesiastical Benefice in England or Ireland ...

ADMISSIONS. To act in any Court as Advocate To the degree of a Barrister-at-law in England or Ireland As Attorney, Solicitor, or Proctor in England or Ireland To act as Notary Public in England To be Follow of College of Physicians To a Corporation in respect of privilege To ditto any other ground £50 50 25 30 25

PATENTS FOR INVENTIONS -STAMP DUTIES ON.

				1
	On petition for grant of letters patent	£5	0	0
	On certificate of record of notice to proceed ::	- 15	0	0
0	On warrant of law officer for letters patent	5	0	0
	On the sealing of letters patent	5	ñ	0
0	On specification	5	0	0
, 0	On the letters patent, or a duplicate thereof, before the expiration	J	V	0
_	of the third year	F0	0	_
		50	U	0
50	On the letters patent, or a duplicate thereof, before the expiration			
	of the seventh year	100	0	0
50	On certificate of record of notice of objections	2	0	0
25	On certificate of every search and inspection	0	1	0
30	On certificate of entry of assignment or licence	0	5	0
25	On certificate of assignment or licence	0	5	0 1
1	On application for disclaimer	5	0	0
3	On caveat against disclaimer	9	0	0
17		4	0	0
-	On office copies of documents, for every ninety words	0	0	2

STAMP AND OTHER GOVERNMENT DUTIES (Continued.)

PROPERTY AND INCOME TAX:

From April, 1863, to April, 1864, all incomes of £100 per annum and not exceeding £200 are taxed at the rate of 7d. in the pound upon a proportion of the same; those of £200 and upwards, at 7d. in the pound.

Exemption of Premiums from Income Tux.—Under a recent Act of Parliament, the premiums paid by aperson for an Assurance on his own life, or on the life of his wife, or for a Deformed Annuity to his widow, are declared free from income tax, provided such Premiums do not exceed one-sixth of his returnable income.

DUTIES PAYABLE ON INHABITED HOUSE OF THE ANNUAL

DUTIES PAYABLE ON INHABITED HOUSE OF THE ANNUAL VALUE OF £20, on UPWARDS.

The duty is 6d, in the pound in respect of dwolling-houses occupied by any person in trade who shall expose to sale and sell any goods in any shop or warehouse, being part of the same dwelling-house, and in front and on the ground or basement story thereof; or by a person licensed to sell therein, by retail, beer, dec.; or as a farmhouse by a tenant, or farm servant, and bond fide used for the purpose of husbandty only.—The duty is 9d, in the pound for dwelling-houses not occupied and used for any of the purpose described in the preceding.

Exception.—Market-gardens and nursery-grounds are not to be included in valuation of inhabited houses.

DUTIES ON LEGACIES AND SUCCESSION TO REAL PROPERTY.

The first control of the first			
To children or their descendants, or lineal ancestors of the deceased	F1	0	0
	19 001	V	0
Brother or sister, or their descendants	. 3	0	0
Uncle or aunt, or their descendants	. 5	0	()
Chisto of letter, or brist the bootstanding	0	'n	0
Grand uncle or aunt, or their descendants		0	
All other relations, or strangers	. 10	0	0
The husband or wife of the decased not chargeable with dut	у.		

DUTIES ON MALE SERVANTS.

					3.	'er Au	mui	n.
For servants	aged 13 years and upwards		4.0			£1	1	0
Ditto	under the age of 13 years					0 1		
Ditto	employed as under-gardeners					0 1		-
Ditto	employed as under-gamekeepe	ers		***		0 1		
	-Occasional waiters, potboys	, hell	pers, o	rostici	io a	nce	1180	131
innkcepers.								

ARMORIAL BEARINGS.

Persons chargeable with ti	he duty	of assessed	taxes :	for any		
carriage at the rate of £3 1	10s				£2 1	
Other persons					0.1	3 2
	10s					3 2

GAME LICENSES.			
If License or Certificate be taken out after April 5, and before			14
Nov. 1, to expire on April 5 in the following year	£3	0	0
To expire on Oct. 31 in the same year in which the Licence or	0	٥	٥
Certificate shall be taken out	2	0	0
If Licence or Certificate be taken out on or after Nov. 1 to expire	9	٥	0
en April 5 following	9		0
To deat in Same		_	

Dogs,

		128.
ł	Provided always that no person shall be chargeable with duty to	any
1	greater amount than £39 12s. for any number of hounds, or £9 for	any
1	number of greyhounds, kept by him in any year.	-

Exemptions.—Any person in respect of any dog bond fide and wholly kept and used in the care of sheep or cattee, or in driving or removing the same; provided no such dog shall be a greyhound, hound, pointer, setting dog, spaniel, lurcher, or terrier.

HORSES LET TO HIRE.

(Omnibuses and Cabs excepted.)			
Where the person taking out the license shall keep at one and the same time to let for hire one horse or one carriage only	£7	10	0
Where such person shall keep any greater number of horses or car-	12		0
Not exceeding four horses or three carriages	20	0	0
Not exceeding eight horses or six carriages Exceeding twenty horses, then for every additional number of ten	50	U	U
horses, and for any additional number less than ten over and above twenty, the further additional duty of	10	0	0
and to the state of the state o			

HORSE-DEALERS.

Horse-dealers	residing within the Bills	of M	Iortality	 	 £27	
Ditto	residing in the country			 	 13	15

DUTIES ON HORSES AND MULES.

		200	7.1	U
ı	For every other horse, and for every mule, exceeding respectively			
ł	the height of thirteen hands of four inches to each hand, kept			
ı	for the purpose of riding, or drawing any carriage chargeable			
ı	with duty	1	1	0
1	For every horse and mule exceeding the height of thirteen hands,			
1	1 t f and athor mumora	0	10	6
ı	Rept for any other purpose			

Exemptions.-Any horses or mules kept solely for the purposes of husbandry.

DUTIES ON CARRIAGES.

	For every earriage with four wheels, where drawn by two or more			
	horses or mules	£3	10	0
l	Where drawn by one horse or mule only	2	0	0
ı	For every carriage with four wheels, each being of less diameter			
	than thirty inches, where drawn by two or more ponies or			
ì	mules, neither of them exceeding thirteen hands in height	1	15	0
١	Where drawn by one such pony or mule only	ĩ	0	Õ
١	For every carriage with less than four wheels, where drawn by	_		
	two or more horses or mulcs	2	0	0
	Where drawn by one horse or mule only	õ	15	
	Where drawn by one pony or mule not exceeding 13 hands in height			0
	Carriages kept and used solely for the purpose of being let for			٠
	hire, one half of the above-mentioned dutios respectively.			
	For any carriage with four wheels used by any common carrier	- 9	B	8
	And where the same shall have less than four wheels	1	B	8
		1	0	, 0
	Freunting - Any waggen van eart or other carriage, to be us	sed .	sole.	LY

in the course of trade or husbandry.

HACKNEY CARRIAGE FARES .- (CABS.)

HACKNEY CARRIAGE FARES.—(CABS.)

FARES BY DISTANCE.—Carriages drawn by one horse—For any distance within and not exceeding one mile, 6d.; for any distance exceeding one mile, 6d. for every mile, and for every part of a mile over and above any number of miles completed within a circumference of four miles from Charing-cross, 1s. per mile for every mile or part of a mile beyond the four-mile circumference when discharged beyond that circumference.

FARE BY TRIE.—2s. for any time not exceeding one hour; 6d. for every fifteen minutes over the hour.

For every hackney carriage drawn by two horses one-third above the rates and fares hereinbefore monitoned.

The fares to be paid according to distance or time, at the option of the hirer, to be expressed at the commencement of the hiring; if not otherwise expressed, the fare to be paid according to distance.

No driver shall be compellable to hire his carriage for a fare to be paid according to time between eight o'clock in the evening and six in the morning. When more than two persons shall be carried inside any hackney carriage, 6d. is to be paid for each person above two for the whole hiring, in addition to the above fares. Two children under ten years of age to be counted as one adult person.

When more than two persons shall be carried inside any hackney carriage with more luggage than can be carried inside the carriage, a further sum of 2d. for every paskage carried outside the said carriage is to be paid by the hirer in addition to the above fares.

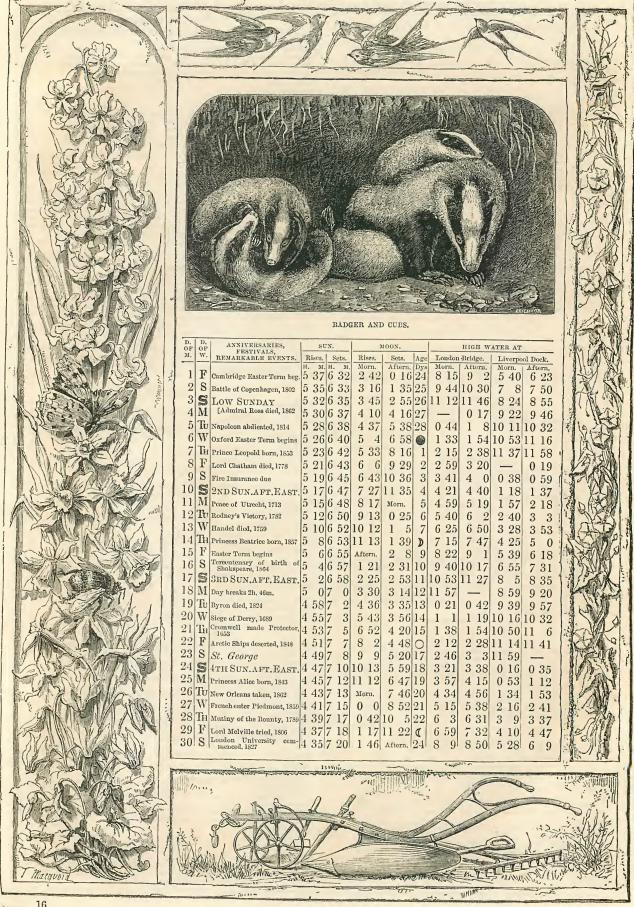
Appraisers	£2	0
Appraisers Attorneys, &c., London (or within ten miles), Edinburgh, and Dublin	9	0
	6	0
Oitto essewhere (Half only for the first three years of being in practice).	7.0	
Auctioneers	10	0
Bankers	30	0
Conveyancers, London and Dublin	9	0
,, elsewhero	6	0
Hawkers and pedlars, for each horse, &c., used	6	0
,, on foot	21 of	0
(These may be obtained for half a year, expiring Jan. 31 or July	o1, 110	- 1
half the rate.)	9	0
House-agents To sell playing-cards, for makers	1	6
	28. 6	-
	£2	0
		10
,, in any corporate town	0	5
	15	0
Pawnbrokers, London		10
Plate-dcalers, selling above 20z. of gold and 30cz. of silver plate		15
under the above weight	2	6
For marriages, special	5	0
not special	0	10
To hold a perpetual curacy	6	10
For non-residence	1	10
To stage and hackney carriage drivers, conductors, and watermen	0	5
To beello outer troops of the state of the s		_

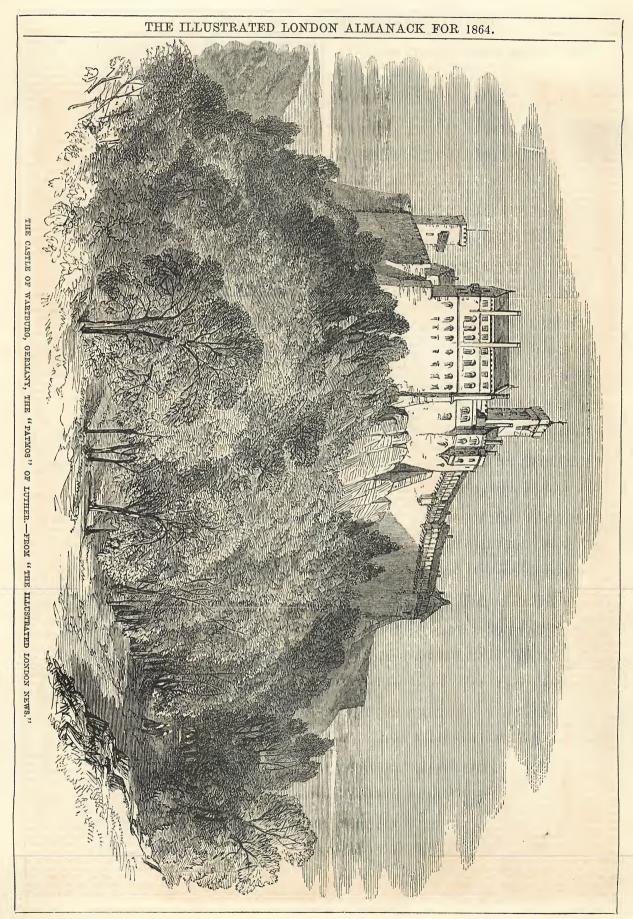
LIFE AND FIRE INSURANCES. Policy of Insurance made upon any life where the sum insured £ s. d.

shall not exceed £25	0	0	3
shall not exceed £25 Exceeding £25 and not exceeding £500, then for every £50, and any fractional part of £10 Exceeding £500 and not exceeding £1000, then for every £100, and	0	0	6
any fractional part of £100	0	1	0
And where it shall exceed £1000, for every £1000, and any frac-	٥	10	0
tional part of £1000 Policy of assurance for loss or damage by fire			0
Against accident or for plate glass-Premium not exceeding 2s. 6d.	-	0	
Premium not exceeding 5s	0	0	3
Executing as., for every as. of interior			
Settlement of Money or Stock, per £100	0	10	0
Transfer of Stock not public	•	10	
If upon Mortgage, 2s. 6d. per cent.	0	0	6
Passport Stamps Bill of Lading of or for goods or merchandise	0	0	6
Charterparty	5	5	0
Patents for Inventions, various documents :: 1s. to 1	100	0	0
Exemplifications £3 or	5	0	0

SPOILED STAMPS.

The days for claiming the allowance at Somerset House are Tuesdays, Thursdays, and Saturdays, from 12 to 2 o'clock, and at Gresham House, 24, Old Broad-street, on Mondays, from 11 to 2 o'clock, for London; and from the country on the other days from 10 to 4 o'clock.





FRESH-WATER FISHES IN THEIR SEASON.

MARCH AND APRIL

FRESH-WATER FISHES IN THEIR SEASON.

MARCH AND APRIL.

THE salmon, which is our most valuable individual fish, comes into season in Pebruary, and continues legally good for 100 for a space of seven months; the periods for its capture being defined by Acts of Parltament. By a little arrangement, however, we might have this fine red fish on our table during the other five months of the year sawell. As we now know so much about (for there are also and early rivers, and we have seen clean fish in prime order for the table in December) as to have it fit for use as well in November as in Janc. The natural history of the salmon has contributed more to sclentific the same of the salmon in the contribution of the salmon has contributed more to sclentific to other fishes put together. There have been disputes connected with every other fishes put together. There have been disputes connected with every other fishes put together. There have been disputes contact the same of the salmon has been more carefully investigated than that of any other fish. In fact, from the large size and migratory habts, there have been in the case of fish that are never known to leave the sea. These opportunities have been taken advantage of daring late years; but the popular ignorance as to be conditions of growth led at one time to the destruction of immunes quantifies of salmon fir, or part; as they are catled—the fadrovers of the salmon that the country is a salmon of the salmon of the salmon of the salmon that the country is the period held to be a distinct animal, and not the young of the salmon use in the period

food? Where does it go to when it reaches the salt water? &c. The salmon must feed largely, for there is no other way of accounting for its rapid growth; and in the sea it no doubt finds congenial food and a plentiful supply. The old story of its rushing away to the North Pole is totally without foundation. The salmon, like all other fishes, is very local, and never goes far away from the estuary of its own particular stream. It is said to be driven from the salt water in consequence of becoming infested with some kind of vernin, which can only be killed by fresh water; and, vice versa, fresh-water lice impelling it again to seek the sea. The average period of life given to a salmon is seldom more than four years—such is the demand for the fish, and such the variety of means adopted to capture it. The eggs are deposited from October to January, and they take various periods to come to life; according to the temperature to which they are exposed; some ripen and brits the shell in ninety days, while others will require another month before they are hatched. Half the quantity hatched, for instance, last year (viz., 1863) will be descending to the sea about April or May (1861)—a few even earlier than that. These will return as sizeable grises in June, July, and August. Next year the second moiety of the fish will depart for the sea, and come back also as grilses, whilst all that are left of last year's lish will be returning at the same time as salmon eight or fen pounds in weight? Salmon seldom now attain a weight of more than from fliteen to eighteen pounds. Long ago sixty-pound fish were by no means rare, and twelve years back salmon weighing thirty and forty pounds used frequently to be seen on our fishmongers' counters. In the golden ago of the fisheries salmon are said to have been very plentiful and attainable for food by all classes of the community, the price being a mere trifle; but railways how carry away our sea produce with such rapidity to far-off cities and populous towns, where there is an increasin

favourable result as already to have increased the rental of the river Tay very considerably.

Some of our anglers will not waste their time on any fish less noble than the salmon; indeed, for sport there is no fish like it. An angler on the Tay or the Tweed, or on a Welsh river, with a sixteen-point fish at the end of his line; is not in the enjoyment of a sincenire, although, he would not for any money have his work done by deputy. We have seen before now a gentleman play a fish for seven hours rather than yield his rod to the attendant gillie, who could have landed the fish in half an hour's time. It is a thrilling moment to find that for the first time one has hooked a salmon; it produces a kind of nervous-ness that does not at all tend to the speedy landing of the fish. The first idea is to hanl our scaly friend out of the water by sheer force; but that plan must be speedfly given up, for the fish makes a dash up stream that runs out the line in fine style; then, when once he gets a bite of his bridle, down he comes, or away he goes sulking into some hiding-place. If a brief time he comes out again with renewed force, and dashes about till you become so fatigned as almost not to care whether you land him or not. It is impossible to say how long an angler may have to "play" a salmon or large grilse; but if he sinks himself to the bottom of a deep pool, it will likely be a business of hours to get him afte into the landing net, if he be not lost altogether, as, in his exertions to escape, he may chafe through the line, and so regain his liberty; and during the progress of the battle the angler may have to wonde or be pulled into the scream once or twice, so that he comes in for a thorough ducking, and may, as we have seen, have to go home, after a hard day's work, without being rewarded by the capture of a single fish. Plenty of good salmon angling cause hald in the north of Scotland, where there are always fishings to be let; and there is nothling better, either for health or recreation, than a day on a sal

to what flies he ought to use, and give him many useful hints on other points as well.

In former times there were more ways of killing a salmon than by angling for him. Parties used to be made up for the purpose of "burning the water," a practice which prevailed largely on the Tweed, and which afforded good rough sport. The burning took place a little after sinset, when an old boat was commissioned for the purpose, and fiaming torches of pinewood were lighted to lure the fish to their destruction. The leister, a sharp iron fork, was used on these occasions with deadly power. Ride mirth and song were usually the order of the night on these occasions; and the practice, being illegal, was not without a spice of danger, or at least a chance of a ducking. Burning the water it must, however, be confessed was more a picturesque way of poaching than a means of adding legitimately to the produce of the fisheries as a branch of commerce. It would have been well for the salmon fisheries had the arts of poaching never extended beyond the rude practice we have alluded to; but now poaching has become a business, and countless thousands of the fish are swept off the breeding beds by means of a rude net or a few blankets joined together. There is on most rivers an organised system of taking and disposing of the fish, France affording the chief outlet for this kind of food, an outlet, however, which we hope a recent Act of Parliament will effectually close up. Legislation on the salmon question has of late been greatly extended, various powerful Acts of Parliament having been passed for the better regulation of the fisheries.

LIST OF THE MOST EMINENT PERSONS WHO HAVE DIED WITHIN THE LAST TWELVE MONTHS.

** Memoirs of all these, with the Arms and Portraits of some, are to be found in the Illustrated London News.

Oct. 1.—John James Pomeroy, fifth Viscount Harberton. Admiral Sir James Whitley Deans

Dundas, G.C.B.
1.—Sir Thomas Nicholas Redington,
K.C.B., of Kilcornan, in the county of Galway.

of Galway.

13.—Sir Andrew Leith Hay, K.H., of Rannes, Aberdeenshire.

13.—Charlotte, Dowager Conntess of Albemarle, née Hunloke.

13.—Henry Benedict, eleventh Baron Arundell, of Wardour.

1.—Sir Martin Hyde Crawley-Boevy, fourth Baronet, of Flaxley Abbey, Gloucestershire.

Gloucestershire.

5.—Sir George Houlton, Knt., Ensign
of the Yeomen of the Guard to
William IV.

5.—The Right Rev. Dr. Caulfield,

Bishop of Nassau.

9.—John Dutton, second Baron Sherborne. 19

21.

Bart., D.C.L., P.R.S., one of the most eminent surgeons this or any

country has produced.

29.—Elizabeth, Dowager Lady Stafford, née Caton.

Nov.—Jonas Webb, Esq., a great agriculturist.

Sir Robert Sheffield, fourth Baronet, of Normanhy Linguishing Baronet, of Normanhy Linguishing

of Normanby, Lincolnshire.

2.—Major Henry Loftus.

3.—Sir John Campbell, K.G., second Marquis of Breadalbane.

21.—Admiral Sir Charles Sullivan, R.N., third Baronet, of Thames Ditton.

22.—Sir Richard Pierce Butler, ninth

22.—Sir Richard Pierce Butler, minth Baronet, of Garryhundon, in the county of Carlow. 25.—Elizabeth, Dowager Countess Granville, née Cavendish. 27.—Dowager Lady Blakiston, née Rochfort, aged 103.

28.—The Hon. Mrs. Stewart Mackenzie.
30.—William Deedes, Esq., M.P., of
Sandling Park, Kent.

Dec.—James Sheridan Knowles, a celebrated dramatic writer. Sir Duncan Macdongall, K.S.F.

The Hon. Anne, Dowager Lady Gibson Anne Hon. Anne, Dowager Lady Gisson Carmichael, née Napier. 3.—Sir Timothy O'Brien, Bart., of Borris in Ossory, Queen's County. Miss Pardoe, Author of "The City of the Sultan," and other popular

works.

4.—Henry Thomas Hope, Esq., of
Deepdene, Surrey, Author of
"Anastasius," and a great patron of
Literature and the Fine Arts.

14.—Sir Michael Bruce, eighth Baronet,
of Stenhouse, in the county of
Stirling.

Stirling.

17.—Mrs. Katherine Thomson, anthor of "Memoirs of Henry VIII."

other popular works.
7.—Sir William John Monson, sixth
Baron Monson, of Burton, Lin-

colnshire.
7.—Joseph Alexander Reine, Count de Beaurepaire Louvagny, a distinguished Norman diplomatist and savant.

—General Sir P. Bainbridge, K.C.B. N.—Sir G. E. Hamond, G.C.B., K.C.T.S., second Baronet, of Holly Grove, Berkshire, Admiral of

22.—George Hay, Earl of Gifford, eldest

22.—George Hay, Earl of Gifford, eldest son of the Marquis of Townshend.
23.—Sir Matthew Blakiston, third Baronet, of London, who died, aged eighty, within a month after his mother's death.
24.—Horatia, Lady Forbes, née Shaw.
27.—Catherine Winifred, Dowager Baroness Stourton, née Weld.

1863.

Jan.—The Right Rev. Dr. G. Jehosaphat Mountain, Bishop of Quebec. Colonel Sir George Lloyd Hodges,

K.C.B., a distinguished military officer and diplomatist.

5.—Charles Dance, Esq., a dramatic writer of note.
8.—The Rev. Robert Hankinson, M.A., Vicar of Walpole St.

Addrew's.

—Harriet, Lady Brenton, widow of the gallant Admiral Sir Jahleel Brenton, Bart., K.C.B.

1.—The Rev. Charles Rogers, M.A.

7.—Horace Vernet, the great French resistor.

painter.

Richard Green, Esq., a wealthy and enterprising merchant and ship

owner, and great philanthropist.

8.—Said Pacha, Viceroy of Egypt.

1.—Sarah Lady Kirkcudbright, nce Gorges, widow of the lase Lord

21.—Sarah Lauy
Gorges, widow of the lass Loru
Kirkeudbright.
22.—Eliza, Dowager Lady Monson,
née Larken.
22.—William Cotton, Esq., F.S.A.
24.—Sir St. Vincent Cotton, sixth and
last Baronet, of Landwade, Cambridgeshire.

24.—Sir Henry Lushington, second Baronet, of Southill Park, Berks. 27.—Colonel Sir Ord Honyman, third Baronet, of Armadale, in the county of Orkney, formerly of the Grenadier

Guards. 27.—Sir William Arrindell, C.B., Chief

Justice of Demerara.
1.—Sir Henry Pelley Fitz Maurice,
K.G., third Marquis of Lansdowne,
an able and highly-popular states-

nan.
1.—Sir J. B. Robinson, Bart., of
Beverley House, Toronto, C.B.
cb. — The Right Rev. George
Tomiluson, D.D., Bishop of Gib-

rattar.
Sir Duncan Cameron, second Baronet
of Fassefern, Argyleshire.
6.—Sir J. E. Remono, Kt., Judge of
the Supreme Court of the Mauritius.
8.—Lieutenant Colonel John Nicholay
Lucas, of Stout Hall, Glamorganshire.

shire.
—Sir William Stevenson, K.C.B.,
Governor of the Mauritius.

11.—Vice-Admiral Charles Ge Rodney Phillott, R.N. Rear-Admiral Digby Marsh, R.N. George

The Rev. Henry Drury, M.A., Chaplain to the House of Commons. 18.—Sir Charles Edward Pepys, second Earl of Cottenham.

18.—Sir Alexander Mackay, eighth

18.—Sir Alexander Mackay, eighth Baron Reay. 19.—Thomas Charles Hanbury Tracy, 2nd Baron Sudeley, of Toddington, in the county of Gloucester. 22.—Mary Anne, Dowager Lady Car-

teret, née Master.

4.—Daniel Whittle Harvey, Commissioner of the London City Police Force, formerly M.P. for Southwark. and of distinction in connection with the press and politics.

March.—W. Gregson, Esq., Under Secretary of State for the Home

Department.
Rear-Admiral Christopher Wyvell,

R.N. Massingherd, of Ormsby Hall,

Mrs. Massing.
Lincolnshire.
Digby Cay. -Digby Cayley Wrangham, Queen's

10.—Digby Cayley Wrangnam, Queen's Serjeant, P.P. 11.—Lieutenant-General Sir James Outram, G.C.B., K.S.I., the "Bayard of India."

o.—Francis Maria, Viscountess Gough (née Stephens) wife of the distinguished Field Marshal, Vis-count Gough.

count Gough.

15.—Cear Mansuate Despretz, an eminent chemist and natural philosopher.

17.—Ellinor Mary, Lady Westbury, wife of the Lord Chancellor.

17.—Lady Camilla Sinclair, net Talmash, wife of Sir George Sinclair, Bart.

20.—Sir Henry Roper, late Chief Justice at Bombay.

21.—Sir Tatton Sykes, fourth Baronet, of Sledmere, in the county of York, a great sportsman and a highly popular country gentleman.

26.—Henry Fitzroy, fifth Duke of Grafton.
28.—Henry Montagu Upton, second Viscount Templetown.
28.—The Marquis Grimaldi, of Genoa, and of Maize-hill, Greenwich.
31.—Sir Henry Manners Cavendish, Baron Waterpark.
31.—Admiral Sir John Louis, R.N., second Baronet, of Chelston, Devon.
31.—Vice-Admiral G. W. C. Courtenay, R.N.
Abril.—The Rev. Edward Stokes,

April.—The Rev. Edward Stokes, M.A., Vicar of Staines and Rural Dean.

Commander Robert Heron Burton. R.N., lost in the wreck of the

orphens.
3.—Henry Weston, Esq., of West
Horsley-place, Surrey.
4.—Lieut.-Colonel James Poole Oates,
K.H.

9. .—Sir James Saumarez, in holy orders, second Baron de Saumarez.

orders, second Earon de Saumarez.
10.—Arthur Marcus Ceeil Hill, Lord
Sandys, of Ombersley.
13.—The Right Hon. Sir George
Cornewall Lewis, second Baronet, of Harpton Court, Radnorshire, a dis-tinguished scholar and statesman. tinguished scholar and statesman.

— Charlotte, Countess Dowager of Verulam, nee Jenkinson.

Yerman, hee Jenkinson.
7.—Field Marshal Sir John Colborne,
G.C.B., Lord Scaton, one of the
most gallant and effective of the Peninsular and Waterloo military

leaders. 21.—Sir Robert Bateson, Bart., of

21.—Sr Robert Bateson, Bart., of Belvoir Park. 28.—Sir John Skeffington Foster-Skeffington, K.P., Viscount Mas-sereene, an excellent nobleman, universally and deservedly popular; accidentally killed. 29.—Jane Elizabeth, Dowager Vis-countes Andover no Coke.

countess Andover, noe Coke.

May—The Rev. John Russell, D.D.,
Canon of Canterbury and Rector of

St. Botolph, Bishopsgate.
Thomas Tobin, Esq., an eminent
Liverpool merchant.
2.—Sir John Walter Pollen, second

.—Sir John Water Policil, second Baronet, of Reddenham, Hants.
.—Lieutenant-Colonel Sir William Lascelles Wraxall, second Baronet, of Wraxall, in the county of Somerset.
.—Edward John Littleton, D.C.L., P.C., Lord Hatherton, a politician and estatymen of parts.

and statesman of note.

4.—Jane, Countess Dowager of Carnwath, née Carnell.

5.—Sir Richard Hughes, fifth Baronet,

of East Bergholt, Suffolk, the re-presentative of a very ancient Welsh family, distinguished in our naval

annals.
7.—Western Wood, Esq., M.P. for the city of London.
8.—The Hon. Frederick A. H. Chichester, third son of Arthur, first

Lord Templemore.

Lord Templemore.
21.—Sir Culling Eardley Eardley, third
Baronet, of Hadley, Middlesex.
23.—Mary Fanny, Lady Leconfield,
née Blunt.
28.—Edward Roger Pratt, Esq., of
Ryston Hall, Norfolk.
June 2.—John Congreye, Esq., of

Mount Congreve, in the county of Waterford.

June 7.—James Gernon, Esq., of Athearne Castle, in the county of Meath.

10.—Charles Standish, Esq., of Standish Hall, in the county of Lancaster.

12.—Adam Bruce, a Swedish nobleman, Chamberlain to Gustavus III.

13.—Frederick Robinson, Esq., of Widmerpool Hall, Nottinghamshire.

14.—Anne Marla, Downger Lady Barough, née Lake

Handle Maria, Dowager Lady Borough, née Lake 15.—Captain Charles William Gordon, third son of the late Charles Gordon, Esq., of Fyvic Castle, Aberdeenshire, 24.—Admiral the Hon. Sir G. Elliott, 24.-

24.—Admirat the Holl, Sr. R.N., K.C.B., Sur-R.N., K.C.B. Joshua Jebb, K.C.B., Surveyor-General of Prisons.
23.—General Str James Lillyman

3.—General Sir James Lillyman Caldwell, G.C.B., Colonel Com-mandant R.E. 9.—Sir William Thomas Stanley Massey Stanley, tenth Baronet, of Hooton, Cheshire. 29.

| 22.—Sir Anthony Maitland, tenth Earl of Landerdale. 25.—A. L. Egg, Esq., R.A. 26.—Henry Fitzroy, fifth Duke of 29.—Caroline, Dowager Lady Pol-timore, née Buller.
July 5.—General Sir Thomas Erskine

July 5.—General Napier, K.O.B.
Napier, K.O.B.
O. Anne, Downger Baroness Kilmaine,
née Cavendish.
Catherine Freman, Countess
Catherine Freman, Freman, Countess

nee Cavendash.
—Catherine Freman, Countess
Downger of Caledon, née Yorke.
—Lady Kathleen Louisa Georgiana
Tighe, née Pomenby, wife of Lieut.
Colonel Frederick Edward Tighe,

2324 San of David Tighe Esc. of

Tighe, nee Foscholy, Whe of Index.
Colonel Frederick Edward Tighe, eldest son of Daniel Tighe, Esq., of Rosanna, in the county of Wicklow.
12.—Eliza Lady Twysden, née May, late of Adelaide-terrace, Brighton, and Hadlow Castle, Tunbridge, Kent, wife of Sir William Twysden, eighth Baronet, of Roydon Hall, Kent.
15.—Sir William Alexander Anthony Archibald Douglas Hamilton, eleventh Duke of Hamilton and eighth Duke of Brandon.
10.—Major the Hon. Henry Littleton Powys-Keck, fifth son of Thomas, second Lord Lifford.
15.—Thomas Sadleir, Esq., J.P., of Ballinderry and Castletown, in the county of Tipperary.

county of Tipperary.

O.—Sir Isaac Grant, sixth Baronet, of Monymusk, in the county of

of Aberdeen.

4.—Thomas Arthur Grattan Bellew, Esq., of Mount Bellew, in the county of Galway.

5.—Sir Godfrey William Wentworth Macdonald, fourth Lord Macdonald, Parron of Slote in the county of the County of State in the County

Baron of Slate, in the county of

Baron of Slate, in the county of Antrim.

25.—William Richard Arthur Pole Tylney Long Wellesley, sixth Earl of Mornington.

27.—Urania Lady Tucker, née Leeke.

27.—Cecilia Olivia Geraldine, Dowager Laèy Foley, daughter of the second Duke of Leinster.

27.—General Sir Hugh Halkett, a distinguished officer in the British

Duke of Leinster.

77.—General Sir Hugh Halkett, a distinguished officer in the British service and in that of Hanover.

8.—Sir Constantine Henry Phipps,
K.G., G.C.B., first Marquis of
Normanby and second Earl of
Mulgrave, a distinguished writer,
diplomatist, and statesman.

8.—General Sir Ulysses De Burgh,
G.C.B., K.T.S., second Baron
Downes, of Aghanville, King's
County, Colonel of the 29th Regt.
9.—Sir Cresswell Cresswell, P.C., S.L.,
the able Judge of the Court of
Probate and the Divorce Court.
ug.—Henry Raeburn, Esq., of St.

Aug.-Henry Raeburn, Esq., of St.

Bernards.

John Hardiman Burke, Esq., of St.

Clerans, in the county of Galway,
Lient.-Col. of 3rd Regiment, brother
of James Burke, the hero of Silistria,
and of Robert O'Hara Burke, of

Australian celebrity.

—Mrs. Warner, née Shipley, widow of Colonel Edward Warner.

Botfield, Esq. F.R.S.,
F.S.A., of Norton Hall, Northamptonshire, and Hapton Court and
Decker-hill, Shropshire, M.P. for
Ludlow.
—Sir Frederick William Slade, Q.C.,

second Baronet, of Maunsel House, Somersetshire, a distinguished bar-rister of the Western Circuit. — James William Gilbert, Esq., cele-

S.—James William Gilbert, Esq., cele-brated in connection with joint-stock banking.

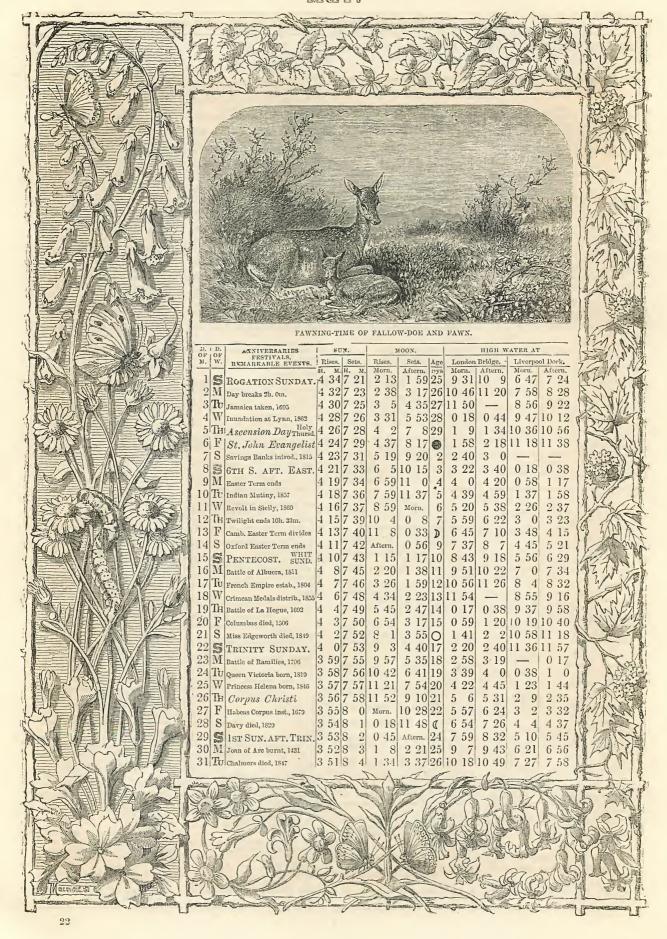
13.—Sir Angus Campbell, second Baronet of Dunstaffnage, Argyle-shire, hereditary Captain of the Royal Castle of Dunstaffnage.

14.—Field Marshal Sir Colin Campbell, G.C.B., K.S.I., D.C.L., Baron Clyde of Clydesdale, Colonel of the Cold-stream Guards, one of the greatest soldiers of his time.

4.—Admiral Octavius Henry Vernon Harcourt, R.N., of Swinton Park,

Masham. 18.—The Rev. Thomas Raffles, D.D., LL.D., one of the most distinguished and excellent divines of his time;

and excellent aronas of his time; a very eloquent preacher, and a writer and poet.
22.—John French, in Holy Orders, second Lord De Freyne, of Coolavin, in the county of Sligo, in the Peerage of the United Kingdom.





"THE SHEPHERD OF JERUSALEM."- FROM "THE ILLUSTRATED LONDON NEWS."

PUBLIC ACTS OF PARLIAMENT PASSED IN 1863,

IN THE 26TH AND 27TH YEARS OF HER MAJESTY'S PRICE

 st_*st The figure before each act denotes the chapter, and the date after each act records the exact time of its passing.

1. An act to lenable her Majesty to provide an annuity of £40,000 for the establishment of the Prince of Wales and Princess Alexandra of Denmark, and to settle on the Princess an annuity of £10,000 during her marriage, and an annuity of £30,000, in case of her surviving the Prince. March 5.

2. An act to make provision concerning bills of exchange and promissory notes payable in the metropolis on the day of the passage through the metropolis of Princess Alexandra of Denmark. March 5.

3. An act to extend the credit for payment of a portion of the excise duty on malt. March 27.

4. An act to extend for a further period the provisions of the Union Relief Aid Act of the last Session. March 27.

An act to amend the law relating to the Royal Naval Coast Volunteers. March 27.

Aid Act of the last Session. March 27.

5. An act to amend the law relating to the Royal Naval Coast Volunteers. March 27.

6. An act to apply the sum of £1,000,000 out of the Consolidated Fund to the service of the year 1863. March 27.

7. An act for altering the duties on tobacco, and permitting the manufacture of cavendish and negro-head in bond. March 27.

8. An act for punishing mutiny and desertion, and for the better payment of the Army and their quarters. April 20. The Annual Matiny Act.

9. An act for the regulation of her Magisty's Royal Marine Forces while on shore. April 20. Also an annual act.

10. An act for bridding, under penalties, the exportation of unclean or unseasonable salmon, or salmon caught at prohibited times, from any part of the United Kingdom. April 20.

11. An act for the registration of births and deaths in Ireland. April 20.

12. An act to abolish the office of Secretary for War, and to transfer the duties of that office to her Majesty's Principal Secretary of State having the Seals of the War Department. May 4.

13. An act for the protection of certain garden or ornamental grounds in cities and boroughs. May 4. By this act, gardens in squares and in other places, in cities and boroughs, are to be freed from neglect and encroachment; and their management is to be vested, as regards the metropolis, except the city of London, in the Metropolitan Board of Works, and, as regards the city of London and other corporate towns, in the corporate authorities thereof.

14. An act to apply the sum of £20,000,000 by Exchequer Bonds for the service of the year 1863. May 11.

16. An act to authorise the sum of £21,000,000 by Exchequer Bonds for the service of the year 1863. May 11.

17. An act to authorise the inclosure of certain lands in pursuance of a report of the Inclosure Commissioners for England and Wales. May 11.

18. An act to authorise the inclosure of certain lands in pursuance of a report of the Inclosure Commissioners for England and Wales. May 11.

18. An act to authorise the inc

June S.

June 8.

20. An act to further limit and define the time for proceeding to election during the recess. June 8. This is effected by reducing the Speaker's notice in the Gazette from fourteen to six days.

21. An act to amend the law enabling Boards of Guardians to recover costs of maintenance of illegitimate children in certain cases in Ireland. June 8.

22. An act to grant certain duties and exemptions relating to the Customs and the Inland Revenue, especially as to the Income Tax on incomes of £100 and £200 a year. June 8.

23. An act to alter the boundaries of New Zealand. June 8.

24. An act to facilitate the appointment of Vice Admirals and of officers in Vice Admiralty Courts in her Majesty's possessions abroad, and to confirm the past proceedings, to extend the jurisdiction, and to amend the practices, of those Courts. June 8.

25. An act to make further provision for the investment of the moneys received by the Commissioners for the Reduction of the National Debt from the trustees of Savings Banks, established under the enactments of the 9th Geo. IV. c. 92. June 8. IV., c. 92. June 8.

V, 6. 92. June 6. 26. An act to facilitate the drainage of land in Ireland. June 8. 27. An act to amend the law relating to marriages in Ireland. June 8. 28. An act to give further facilities to the holders of the public stocks.

28. An act to give further facilities to the holders of the public stocks. June 8.

29. An act to amend and continue (for five years from the passing of this act, and thence to the end of the then Session of Parliament, June 8.

30. An act to authorise further Harbour Regulations for the protection of her Majesty's Ships, Dockyards, and Naval Stations. June 22.

31. An act for the government of the Cayman Islands, near Jamaica June 22.

32. An act to confirm certain provisional orders under the Local Government Act, 1858, the 21 and 22 Vic., c. 98, relating to the districts of Basford, Teigmmouth, Kingston-upon-Hull, Nottingham, Bradford, Ryde, Bedford, Croydon, Batley, Berwick-upon-Tweed, Sheerness, and Bromsgrove. June 29.

33. An act for granting to her Majesty certain duties of Inland Revenue, and to amend the laws relating to the Inland Revenue. June 29. This act relates to beer Heenses, sugar, stage-carriages, railways, shipping notices, refreshment houses, selling beer, spirits, and wine at fairs or races, and to some matters connected with the Income Tax. By 8, 6, the duty on stage-carriages (i.e., omnibuses and similar vehicles) licensed to carry not more than eight persons at one time is reduced to ten shillings.

34. An act to carry into effect an additional article to the treaty, the 7th of April, 1862, between her Majesty and the United States of America for the suppression of the African slave trade. June 29.

35. An act for the prevention and punishment of offences committed by her Majesty's subjects in South Africa, extending the criminal laws of the Cape of Good Hope to all her Majesty's subjects within any territory of Africa south of the 25th degree of south latitude, and not being within the jurisdiction of a civilised Government, and to be cognisable in the Courts of the Cape of Good Hope. June 29.

36. An act for carrying into effect the report of the Commissioners appointed to inquire into the state of the dioceses of Canterbury, London, Winchester, and Rochester; and for other purposes. June 29.

37. An act to detray the charge of pay, clothing, and contingent and other expenses of the disembodied Militia in Great Britain and Ireland; to grant allowances in certain cases to subaltern officers, adjutants, paymasters, quartermasters, surgeons, assistant-surgeons, and surgeon's mates of the Militia; and to authorise the employment of the non-commissioned officers. June 29.

38. An act to amend the act for placing the employment of women, young persons, and children in bleaching-works and dyeing-works under the regula-

38. An act to amend the act for placing the employment of women, young persons, and children in bleaching-works and dyeing-works under the regulations of the Factories Acts. June 29.

39. An act to authorise the inclosure of certain lands in pursuance of a special report of the Inclosure Commissioners. July 13. This act incloses North Nibley and Bisley, Gloucestershire; Cockfield Fell, Durham; Albury Hertford; Cotherstone Moor, Yorkshire; Baxterly Commons, Warwickshire; Ywchocod and Rhysllyn, Radnorshire; Minsterworth, Gloucestershire; Westhope Hill, Herefordshire; Llangwm, Bettws-gwerfil-goch, and Llanfihangel-glyn-myfir, Denbighshire; Mosser, Cumberland; North Moor and South Moor, Somersetshire; Akeld and Humbleton, Northumberland; Llandewi-befri, Cardiganshire; Holt, Wilts; Stanstead-Marsh, the Rye Meads, and Castle Mead, or Causeway Mead, Herts.

40. An act for the regulation of bakehouses; limiting from nine at night to five in the morning the hours of labour in them of persons under eighteen years of age, and providing for the cleanliness and ventilation of them, under

to five in the morning the hours of labour in them of persons under eighteen years of age, and providing for the cleanliness and ventilation of them, under penalties. July 13.

41. An act to amend the law respecting the liability of Innkeepers, and to prevent certain frauds upon them. July 13. By this act an Innkeeper is not liable for the loss of the goods or property of a guest in his Inn, beyond the sum of £30, except as to horses, other live animals, or carriages; and except where the goods have been stolen, lost, or injured, through the wilfulness, default, or neglect of the Innkeeper or his servants, and except where the goods have been deposited with the Innkeeper tor safe custody.

42. An act to amend the 20 and 21 Vic., c. 23, authorising the sale of mill sites and water powers by the Commissioners of Public Works in Ireland. July 13,

July 13.

43. An act to enable her Majesty's Postmaster-General to sell and otherwise

July 13.

43. An act to enable her Majesty's Postmaster-General to sell and otherwise dispose of land. July 13.

44. An act for the further security of the persons of her Majesty's subjects from personal violence. July 13. This act gives power to Courts, in certain cases of personal violence, to award the punishment of whipping.

45. An act for making a new street from Blackfriars to the Mansion House, in the city of London, in connection with the embankment of the River Thames, on the northern side of that river, and for other purposes. July 13.

46. An act for further continuing till the 5th of July, 1872, and appropriating the London coal and wine duties. July 13.

47. An act for proving doubts as to the powers of the Courts of the Church of Scotland, and extending the powers of the said Courts. July 13.

48. An act to repeal the 20 and 21 Vic., c. 66, for punishing mutiny and desertion of officers and soldiers in the service of the East India Company, for regulating in such service the payment of regimental debts, and the distribution of the effects of officers and soldiers dying in the service. July 13.

49. An act giving power to sell and dispose of lands, parcel of the possessions of the Duchy of Cornwall, and to purcha-e other lands to be annexed thereto, and to regulate future grants of leases of the possessions of the said Duchy, and for other purposes. July 13.

50. An act to continue the powers of the Commissioners under the Salmon Fisheries (Scotland) Act, the 25 and 26 Vic., c. 97, until Jan. 1, 1865, and to amend the said act. July 13.

51. An act to amend the Passengers Act, 1855, the 18 and 19 Vic., c. 119. July 13.

July 13.

51. An act to amend the Passengers Act, 1855, the 18 and 19 Vic., c. 119. July 13.

52. An act to further extend and make compulsory the practice of vaccination in Ireland. July 18.

53. An act to suspend the making of lists and the ballots for the Militia of the United Kingdom. July 18.

54. An act for vesting in her Majesty's Principal Secretary of State for the War Department certain lands and hereditaments at Wallner, in the county of Kent. July 13.

55. An act to continue the Poor Law Board till July 23, 1864, and the end of the then next Session of Parliament. July 21.

56. An act to consolidate and amend the acts relating to the payment of regimental debts, and the distribution of the effects of officers and soldiers in case of death, and to make like provision for the cases of descrition and insanity, and other cases. July 21.

58. An act for conforming a scheme of the Charity Commissioners for the management of the charity of Sir Robert Hitchman, Knight, King's Serjeant, for the benefit of Framlingham, Debenham, and Levington, in the county of Suffolk, and of Coggeshall, in the county of Essex. July 21.

59. An act for confirming a scheme of the Charity Commissioners for the management of the charities in the borough of Ruthin, in the county of Denbigh, comprising the Hospital of Christ and its subsidiary endowments, the Grammar School, Edward Lloyd's Foundation, and Bishop Goodman's Charity. July 21.

Denbigh, comprising the Hospital of Christ and its substituty characters, inc.
Grammar School, Edward Lloyd's Foundation, and Bishop Goodman's Charity.
July 21.

60. An act to confirm a certain provisional order under the General Police
and Improvement (Scotland) Act, 1862, the 25 and 26 Vic., c. 101, relating to
the burgh of Leith. July 21.
61. An act to prevent waywardens contracting for works within their own
district. July 21.
62. An act to amend the law relating to the seizure of growing crops in
Ireland. July 21.
63. An act to confirm certain provisional orders under the Land Drainage
Act, 1861, the 24 and 25 Vic., c. 183. July 21.
64. An act to confirm certain provisional orders under the Local Government Act (1858), relating to the districts of Plymouth, Holywell, Llanelly,
West Ham, Worthing, Abcravon, and Wallasey. July 21.
65. An act to consolidate and amend the acts relating to the Volunteer Force
in Great Britain. July 21.
66. An act to enable provision to 1e made out of the funds of Greenwich
Hospital for the widows of scamen and marines slain, killed, or drowned in the
sea service of the Crown. July 21.
68. An act to extend the powers of the Act relating to the Main Drainage of
the Metropolis. July 21.
69. An act to establish officers of the Royal Naval Reserve. July 21.
70. An act to establish officers of the Royal Naval Reserve. July 21.
70. An act to establish officers of that purpose advances of public money to a

limited amount upon security of local rates, and to shorten the period for the adoption of the Local Government Act, 1858, in certain cases. July 21.

71. An act for the preservation and improvement of Harwich Harbour.

71. An act for the preservation and improvement.
July 28.
72. An act for the further improvement of the Harbour of Howth. July 28.
73. An act to give further facilities to the holders of India Stock. July 28.
74. An act to enable her Majesty to declare gold coins to be issued from her Majesty's Branch Mint at Sydney, New South Wales, a legal tender for payments, and for other purposes relating thereto. July 28.
75. An act for the embankment of parts of the River Thomes, on the south side thereof, in the parish of St. Mary, Lambeth, and for other purposes. July 28.

July 28.

76. An act to determine the time (viz., on publication) at which letters patent shall take effect in the colonies. July 28.

77. An act to amend the law relating to the jurisdiction of justices residing or being out of the county for which they are justices. July 28.

78. An act to amend the acts relating to the turnpike-roads in the neighbourhood of the metropolis, north of the River Thames. July 28. This act abolishes, after the 1st of July, 1864, various tollgates in the suburban districts of London. of London.

79. An act for the amendment of the law relating to the religious instruction of prisoners in county and borough prisons in England and Scotland. July 28. 80. An act for providing a further sum towards defraying the expenses of constructing fortifications for the protection of the Royal Arsenals and Dockyards and the ports of Dover and Portland, and of creating a central arsenal.

July 28.

81. An act to amend, so far as regards advances for the purpose of the Harbours and Passing Tolls, &c., Act, 1861, certain of the acts authorising the advance of money out of the Consolidated Fund for carrying on public works and fisheries, and employment of the poor. July 28.

82. An act to empower Bishops of Welsh dioceses to facilitate the making provision for English services in certain parishes in Wales. July 28.

83. An act to define the boundaries of the colony of British Columbia, and to repeal the first section, and to continue till Dec. 21, 1863, the other sections of the 21 and 22 Vic., c. 99, an act to provide for the government of the said colony. July 28.

84. An act to confirm certain acts of Colonial Legislature. July 28. colony. July 28. 84. An act to confirm certain acts of Colonial Legislature. July 28.

84. An act to confirm certain acts of Colonial Legislature. July 28.

85. An act to give relief (by allowing them to make solemn affirmations or declarations) to persons who may refuse or be unwilling, from alleged conscientious motives, to be sworn in criminal proceedings in Scotland. July 28.

86. An act to authorise the taking of harbour dues at Port Erin, in the Isle of Man, in order to provide a fund for the improvement of the harbour, and for other purposes. July 28.

for other purposes.

87. An act to consolidate and amend the laws relating to Savings Banks.

S8. An act to enable landed proprietors to construct works for the drainage and improvement of lands in Ireland. July 28.

89. An act for the further amendment of the law relating to the removal of poor persons, natives of Ireland, from England. July 28.

90. An act to provide for the registration of marriages in Ireland. July 28.

91. An act to extend for a further period the provisions of the Union Relief Aid Acts. July 28. 4. And Acts. July 28.

92. An act for consolidating in one act certain provisions frequently inserted in acts relating to railways. July 28.

92. An act for consolidating in one act certain provisions frequently inserted in acts relating to rallways. July 28.

93. An act for consolidating in one act certain provisions frequently inserted in acts relating to waterworks. July 28.

94. An act to amend the law relating to the repair of turnpike-roads in England, and to continue certain turnpike acts in Great Britain. July 28.

95. An act for continuing various expiring acts. July 28. This act continues, for periods varying for a year or two, certain acts relating to poor-rates, Irish poor-laws and county cess, ecclesiastical jurisdiction, diseases of sheep and cattle envisional and cantifular estates, and landed property improvement cattle, episcopal and capitular estates, and landed property improvement in Ireland.

in Ireland.

96. An act to amend the Petty Sessions (Ireland) Act, 1851, and the Petty Sessions Clerks (Ireland) Act, 1858. July 28.

97. An act to enable cities, towns, and boroughs of 25,000 inhabitants and upwards to appoint stipendiary langistrates. July 28.

98. An act to confirm certain provisional orders made under the 14 and 15

Vic., c. 38, an Act to facilitate Arrangements for the Relief of the Turnpike Trusts. July 28.

vic., c. 38, an Act to continue certain provisional orders made under the 14 and 15 vic., c. 38, an Act to apply a sum out of the Consolidated Fund and the surplus of Ways and Means to the service of the year 1863, and to appropriate the supplies granted in the Sessions of Parliament. July 28.

100. An act to render owners of dogs in scotland liable, in certain cases, for injuries done by their dogs to sheep and cattle. July 28.

101. An act to propoint additional commissioners for executing the acts for granting a land tax and other rates and taxes. July 28.

102. An act to reduce the duty on rum in certain cases. July 28.

103. An act to reduce the duty on rum in certain cases. July 28.

104. An act to reduce the duty on rum in certain cases. July 28.

105. An act to reduce the duty on rum in certain cases. July 28.

106. An act to reduce the duty on rum in certain cases. July 28.

107. An act for confirming certain provisional orders made by the purpose of giving the same to their masters' horses, &c., are not to be deemed guilty of or proceeded against for felony, but shall be liable, on summary conviction, to a fine not exceeding £5, or imprisonment not exceeding three months. Justices may dismiss cases if deemed too trifling.

104. An act for confirming certain provisional orders made by the Board of Trade, under the General Pier and Harbour Act, 1861, relating to Blackbool, Deal and Walmer, Exmonth, Roselearty, Hiracombe, Instow, Bangor, Chatham, Bray, Dartmouth, and Nairn. July 28.

105. An act to remove certain restrictions on the negotiations of promissory notes and bills of exchange under a limited sum. July 28.

106. An act to indemnify such persons in the United Kingdom as have omitted uses. July 28.

107. An act to indemnify such persons in the United Kingdom as have omitted to qualify themselves for offices and employments, and to extend the time limited for such purposes respectively. July 28.

108. An act to extend and make compulsory the practice of vaccination in Sociland. July 28.

109. An a

110. An act to amend the Edmary Acts in relation to the building of asystams for pauper lunatics. July 28.

111. An act to amend the Naval Medical Supplemental Fund Society Windingup Act, 1861. July 28.

112. An act to regulate the exercise of powers, under special acts, for the
construction and maintenance of telegraphs. July 28.

113. An act to probabilit the sale and use of poisoned grain or seed. July 29.

114. An act to amend the laws relating to fisheries in Ireland. July 28.

114. An act to amend the laws relating to fisheries in Ireland. July 28, 115. An act to explain the Act for the Amendment of the law relative to Grutuitous Trustees in Scotland. July 28.

116. An act to provide for the appointment of navy prize agents, and respecting their duties and remuneration. July 28.

117. An act to amend the Nuisances Removal Act for England, 1855, with respect to the scizure of diseased and unwholesome meat. July 28.

118. An act for consolidating in one act certain provisions frequently inserted in acts relating to the constitution and management of companies incorporated for carrying on undertakings of a public nature. July 28.

119. An act to prevent false representations as to grants of medals or certificates made by the Commissioners for the Exhibitions of 1851 and 1862. July 28.

tificates made by the Commissioners for the Exhibitions of 1851 and 1862. July 28.

120. An act for the augmentations of certain benefices, the right of representation to which is vested in the Lord Chancellor. July 28.

121. An act to establish the validity of acts performed in her Majesty's possessions abroad by certain clergymen ordained in foreign parts, and to extend the powers of colonial legislatures with respect to such clergymen. July 28.

122. An act to enable her Majesty in Council to make alterations in the circuits of the Judges. July 28.

123. An act to amend the law relating to district parochial churches in Ireiand. July 28.

124. An act for the more effectual condensation of muriatic acid gas in alkaliworks. July 28.

125. An act for promoting the revision of the statute law, by repealing certain enactments which have ceased to be in force or have become unnecessary. July 28

*** There are 289 local and personal acts declared public, principally relating

*** There are 238 local and personal acts declared public, principally relating to railways, roads, gas, and waterworks. Of these, c. 46 authorises the construction of a new public road from Battersea to Clapham, and c. 62 authorises the Corporation of London to rebuild Blackfriars Bridge. There are eight private acts relating to the settlement of certain lands and estates. Of these the seventh relates to the estates annexed to the earldom of Arundel, and the eighth to estates devised by the late George O'Brien, Earl of Egremont.

Under a new Act innkeepers, hotelkeepers, licensed victual-lers, and others are not to be liable to a greater amount than £30 for the property of a guest, except where such goods were stolen or injured through wilful neglect, or except where such goods were expressly deposited for safe custody. An innkeeper is bound to receive goods of a guest for safe custody.

Under the new Inland Revenue Act an alteration has been made with regard to excise licenses. Instead of taking out several licenses by one person, several trades may now be carried on by one license on payment of the amount of the several duties.

REGISTRATION OF BIRTHS, MARRIAGES, AND DEATHS.—
FOR ENGLAND: an infant should be registered within six weeks after its birth.
No fee is payable; but after forty-two days, a fee of 7s. 6d. is chargeable,
Notice should be given of deaths to the district registrar. Let this be done
early, that a certificate may be had to give to the minister who performs the
funeral service.—FOR SCOTLAND: an infant must be registered within
twenty-one days after its birth. A marriage must be registered within three
days after the occurrence. A death must be registered within eight days
after the event. after the event.

POST OFFICE REGULATIONS.

LETTERS not	exceeding 1 oz.,	if prepaid						1d.
,,	,, 1 oz.	,,	• •	• •	• •	• •	• •	2d.
"	additional oz.	,,	• •	• •	• •	• •	• •	4d.
Double rates if		,,	••	••	••	••	••	2d.

BOOK PARCELS, open at the ends, may contain any quantity of paper, either printed, written, or plain (not letters or any communication of that nature), not exceeding 24 inches any way—to be prepaid in stamps at these rates,

Not exceeding 4 oz. 4 oz. to 8 oz. , 8 oz. to 16 oz. , And so on, 2d. for every additional 8 oz. .. ••• .. 4d.

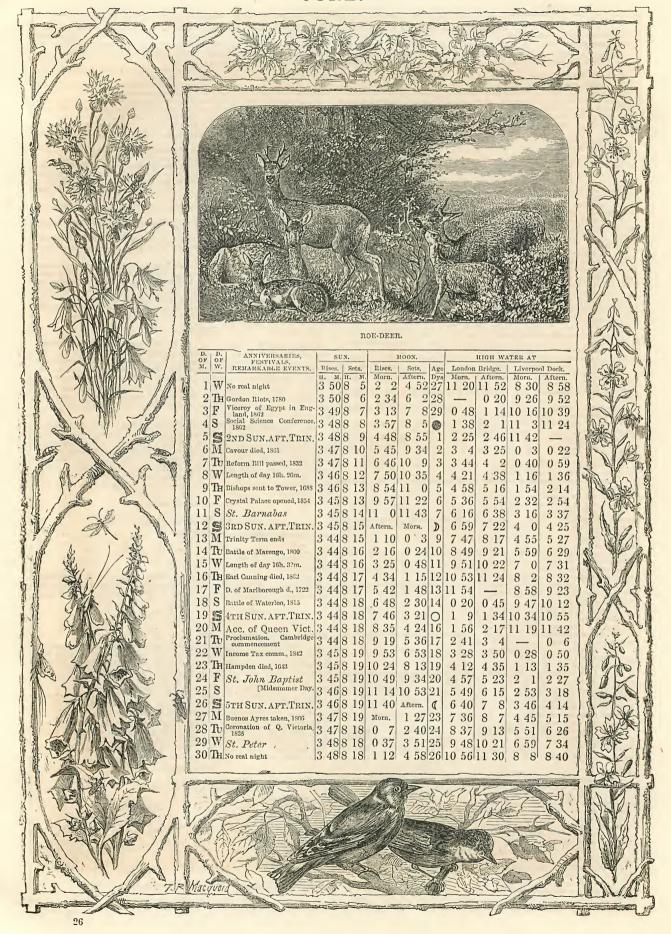
And so on, 2d. for every additional 8 oz.

Newspapers and other periodicals issued at not exceeding thirty-one days' interval, and having the impressed stamp of 1d. 1½d. or 2d., according as they contain two, three, or four sheets—having title and date on the top of every page, open at the ends, with stamp exposed to view—nothing beyond the address written on the contents or cover—and posted within fifteen days of date of issue, are conveyed free by post—but within the London district, must have one postage stamp. A registration fee of sixpence paid in stamp secures greater care in the conveyance of a packet and a greater certainty in tracing it; but the Post Office is not responsible for its value.

MONEY ORDERS are issued at all principal post offices, the charge being 3d-not exceeding $\pounds 2$, and 6d. from $\pounds 2$ to $\pounds 5$; the holder of the order must be able to give the initials and surname of the sender. No postmaster is bound to give or demand change, or to weigh any packet, except foreign letters about to be paid in money.

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1 11 12	ronds.	
8 per Cent. Cousols. New 5 per Cent. New 45 10, 1854 New 42 10 Annuities for terms of years East India Stock India 5 per Cent. Stock 3 per Cent. Reduced New 3 per Cent. Annuities for 30 years, 1855 Ditto for terms of years Bank Stock	Dividends paid daily 9 to 3 Sth January and Sth July. Sth April and 14th October.	Transfers. Tuesday, Wednesday, Thursdays, Friday, 11 till 2.30.





PREPARING FOR THE WEDDING ("SONG OF THE BELL," BY SCHILLER).-FROM "THE ILLUSTRATED LONDON NEWS."

FRESH-WATER FISHES IN THEIR SEASON. MAY AND JUNE.

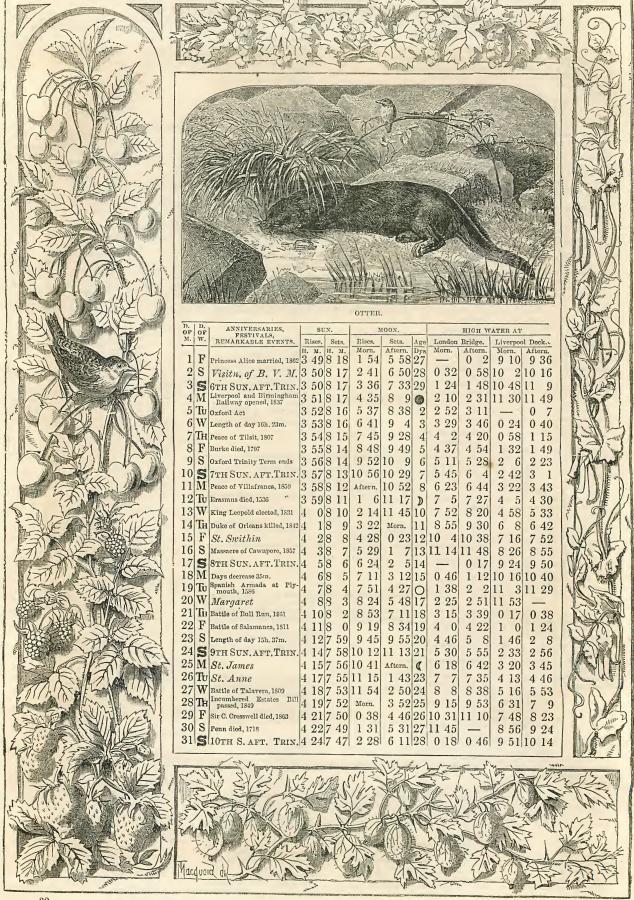
FRESH-WATER FISHES IN THEIR SEASON.

MAY AND JUNE.

THE salmon family embraces all kind of trout and also some of the curious fishes peculiar to Socialand—as the powar and the vendace, likewise the grayling and berrial argentine, and, of course, the exquisite fish taken in that is most worthy of notice by anglers is the trout! It can be fished for with a crooked pin in the most thiy stream, or be captared by claborate that is most worthy of notice by anglers is the trout! It can be fished for with a crooked pin in the most thiy stream, or be captared by claborate to suit all takes; there are so for the control of the control of

his prowess with the angle. The usual way of taking the great lake trout is to ongage a beat to fish from, and which must be rowed gentity through the water. The proper ball is as amall trout, with at leass half a done hooks projecting from it; and the tackle requires to be prodigiously strong, as the fish is a permit of use, although not again the so notice as some others of the trout kind, and the cannibad to all lesser creatures, driving before the event the hungry pike. Persons residing near the great looks equire these trout by setting nightnines for them. As has been already mentioned, they are exceedingly voracious, their hold of the balt, have sexual to again with the greatest availity, and so been finally captured. Another speciality among Scottish iresh-water fashes if is the Lechleur trout, which is peculiar to this one lake. It is near kinners, able, always, of course, excepting the andromadous salmon. Little has or can be said by naturalists about this fish, except that it is a "speciality" among fronts. Some very learned people, with vitous we take leave to different best properties of the control of

LIST OF BANKERS, LENDOWS Affinises Bask of United Service Rich, F., Charmacourcel, E.C. Affinises Bask of Longon and Liverpool, E. Lettherry, E.C. Bank of Figinis, North America, 1, 18th Efficial replace, 19th Desired Commercial Basking Groups and Villiams and Commercial Basking Groups and Commercial B	THE ILLUSTRATED LONI	OON ALMANAUK FOR 1864.
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Bank of Austraches 4, Fireconfeede-street, BLC Bank of England, Present Services Bank of England, Present Services Bank of England	Alliance Bank of London and Liverpool, 5, Lothbury, E.C.	North and South Wales Bank London and Westminster Bank.
Bank of Pintonis, Correlating Co. Part of the Control of the Control of Con	Bank of Australasia, 4, Threadneedle-street, E.C.	Royal Bank of Liverpool London Joint Stock Bank.
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Bank of Vaccount, and Co., 51 Louchander-elsevier, E.C. and Co., week Strand, v. U. Bank of Vaccount, and Co., 52 Louchander-elsevier, E.C. Commercial Bank of Co., 52 Louchander-elsevier, E.C. Commercial Bank of Co., 53 Louchander-elsevier, E.C. Commercial Bank of Louchander and Co., 54 Louchander-elsevier, E.C. Commercial Bank of Louchander and Co., 54 Louchander-elsevier, E.C. Commercial Bank of Louchander and Co., 54 Louchander-elsevier, E.C. Commercial Bank of Louchander and Co., 54 Louchander-elsevier, E.C. Commercial Bank of England Commerci	Bank of Egypt, 26, Old Broad-street, E.C.	(Bank of London.
Bank of Westerh, 4 Throubmedisteries, Ed. Biddish, Octor, and Co., 42, Control estreet, Ed. Bank of Manchester, Land, Co., 42, Control estreet, Ed. Bank of Manchester, Land, Co., 42, Control estreet, Ed. Bank of Manchester, Land, Co., 42, Control estreet, Ed. Bank of Ed., 12, Control estreet, Ed. Control estreet, 12, Control estreet, Ed. Control estreet, 12, Control estreet, Ed. Control estreet, 12, Control estr	Bank of London, 52, Threadneedle-street, E.C., and 450, West Strand, W.C.	Liverpool Union Bank Barnett and Co.
Barchey, Perus, and Qo., 45, Enghand-streek, E.C. Begreigett, W. and J., 63, West Sanithied), E.C., and 6, Metropolitan Cester Begreigett, W. and J., 63, West Sanithied), E.C., and 6, Metropolitan Cester Begreigett, W. and J., 63, West Sanithied), E.C., and 6, Metropolitan Cester Begreigett, W. and J., 63, West Sanithied), E.C., and 6, Metropolitan Cester Begreigett, W. and J., 63, West Sanithied), E.C., and 6, Metropolitan Cester Begreigett, W. and J., 63, West Sanithied), E.C., and 6, Metropolitan Cester Begreigett, W. and J., 63, West Sanithied), E.C., and 6, Metropolitan Cester Child and Co., 1, Decestrees, E.C. Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of India, Astronia, and China, 29, Threadneedle- Child and Co., 1, Decestrees, E.C. Commercial Banks of Company Intelligent and Marks of Company Intelligent and Co., 24, Londonia, Astronia, and China, 29, Cornellil, E.C. Commercial Banks of Company Intelli	Bank of New South Wales, 37, Cannon-street, E.C.	
Blemont, Horse, and Qo., 22, Lordinard-street, E.G.	Barclay, Bevan, and Co., 54, Lombard-street, E.C.	
Biggerard, W. and J., 68, Week Smithnick, P.C., and G. Metropolitan Catalo Market, N.W. Alcohard-base, P.C. Brown, and Co., 27, Abburneh-base, P.C. Commercial Environment of Find-hance, D.C. Commer	Barnett, Hoares, and Co., 62, Lombard-street, E.C.	Cunliffes, Brooks, and Co
Market, N. 19. and Co., 72, Lornbard-street, E.C. Grow, Janon, and Co., 72, Lornbard-street, E.C. Gly Back, Threedbessell-strive, corpace of Photo-Lang, E.C. Gly Back, Threedbessell-street, corpace of Photo-Lang, E.C. Gly Back, Threedbessell-street, corpace of Photo-Lang, E.C. Gly Back, Threedbessell-street, corpace of Photo-Lang, E.C. Charlest Movemattle Bank of India, London, and China, 29, Threedbessell-street, E.C. Chorica Back and Backetser Wilkin, E.C. Commercial Bank of India, Astronom-Servet, E.C. Colorian Bank, I.S. Bidelopspic-street Wilkin, E.C. Contracted Bank of India, Astronom-Servet, E.C. Contracted Bank of India, Astronom-Servet, E.C. Corries and Co., 26, Carnboll, E.C. Corries and Co., 26, Carnboll, E.C. Corries and Co., 26, Carnboll, E.C. Corries and Astronom-Language and Astronom-Servet, E.C. Corries and Co., 26, Carnboll, E.C. Corries and Astronom-Language and Astronom-Servet, E.C. Corries and Astronom-Language and Astronom-Servet, E.C. Corries and Co., 26, Carnboll, E.C. Corries and Astronom-Language and Astronom-Servet, E.C. Corries and Astronom-Language and Astronom-Servet, E.C. Corries and Co., 26, Lordbard, E.C., and 2, Metropolitan Catalle Market, N.W. Colleges and E.C., 26, Carnboll, E.C., and 2, Metropolitan Catalle Market, N.W. Coloris and Co., 27, Lordbard, E.C., and 2, Metropolitan Catalle Market, N.W. Language and Co., 28, Lordbard, E.C., and 2, Metropolitan Catalle Market, N.W. Language and Market and Co., 28, Lordbard, E.C., and 2, Metropolitan Catalle Market, N.W. Language and Market and Co., 28, Lordbard, E.C., and 2, Metropolitan Catalle Market, N.W. Language and Market and Co., 28, Lordbard, E.C., and 2, Metropolitan Catalle Market, N.W. Language and Market and Co., 28, Lordbard, E.C., and 2, Metropolitan Catalle Market, N.W. Language and Co., 28, Lordbard, E.C., and E.C., and	Biggerstaff, W. and J., 63, West Smithfield, E.C., and 6, Metropolitan Cattle	Heywood and Co Masterman and Co.
Revow, Janana, and Co., 22, Adolmeti-hang, R.C. Gallis and Son, 27, West Smitzfelli, E.C., and 12, Metropolitan Cattle Chail and Son, 27, West Smitzfelli, E.C., correlation, p.C. Gallis and Son, 27, West Smitzfelli, E.C., correlation, p.C. Chail and Son, 27, West Smitzfelli, E.C., correlation, p.C. Chail and Co., 1, Peet-street, E.C. Commercial lineking Company of Spring, 26, Certaini, E.C. Commercial lineking Company	Market, N.W.	Branch Bank of England Bank of England.
Chy Inc. 2, Incention to the Control of the Control	Brown, Janson, and Co., \$2, Abchurch-lane, E.C.	
Commercial Bornal of Tailing, London, and Chlina, 52, Threadneedle street, E.C. Child and Co., I. Bredestreet, M.C. Commercial Banking Company of Syrines, vis., Cornbill, E.C. Commercial Banking Company of Syrines, vis., Cornbill, E.C. Commister Bornal of Tailing, Asternites, and Co., and Chlina, St. Princesservel, J.C. Comisting, Nager, Son, and Co., 31, Backlesburry, R.C. Comister and Co., 24, Lornburd-street, E.C. Comister Commercial Banking Company of Syrines, vis., Cornbill, E.C. Comister Commercial Banking Company of Syrines, vis., Cornbill, E.C. Comister Commercial Banking Company of Syrines, vis., Cornbill, E.C. Comister Commercial Banking Company of Syrines, vis., Cornbill, E.C. Condition and Corner Syrines, and Co., 24, Lornbill, E.C. Condition and Cornal Windows of Syrines, and Co., 25, Lornbill, E.C. Condition and Cornal Windows of Syrines, Cornbill, E.C. Condition and Cornal Windows of Syrines, and Co., 25, Cornbill, E.C. Condition and Cornal Windows of Syrines, Cornbill, E.C. Condition and Cornbill, E.C. Condition and Co., 24, Cornbill, E.C. Condition and Co.,	City Bank, Threadneedle-street, corner of Finch-lane, E.C.	T 3 Transmington Ponis
Charlered Mercantille Bank of India, London, and Chinn, 29, Threadneedle Colling and Control Picks, 47, Proceedings of the Colonial Bank, 13, Bitlongsele-street Within, E.C. Colonial Bank, 13, Bitlongsele-street Within, E.C. Control and Co., 26, Strand, W.C. Corries and Co., 20, Cormbin, E.C. Carries and Co., 20, Cormbin, E.C. Drummond, Messre, 49, Chring-cross, S.W. Drummond, Messre, 49, Chring-cross, S.W. Drummond, Messre, 49, Chring-cross, S.W. Drummond, Messre, 19, Entertweeth, E.C. Brand, E.C. Control and Co., 27, London-tested Bank, 73, Cormbin, E.C. Control and Co., 27, London-tested, E.C. Hankey, Massre, 4, Enchotrup, E.C. Hankey, Massre, 4, Enchotrup, E.C. Hankey, Massre, 4, London-tested, E.C. Hankey, Massre, 4, London-tested, E.C. Hill and Sona, 17, West Smithfield, H.C., and 2, Metropolitan Cattle Market, N.W. London Charceron, P. Market, 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Co., 21, London-tested, E.C. London and Modern Control and Control	Challis and Son, 37, West Smithfield, E.C., and 12, Metropolitan Cattle	Union Bank of Manchester Glyn and Co.
Commercial Bank of India, 4, Princes-street, B.C. Commission Bank, 19, Stemach, 200. Commission Bank, 19, Stemach, 200. Commission Bank, 19, Stemach, 200. Commission Bank, 29, Stemach, 200. Commission Bank, 29, Stemach, 200. Commission Bank, 20, Commission Bank, 200. Commission	Chartered Mercantile Bank of India, London, and China, 52, Threadneedle	
Commercial Banks (7 Bishopsgressreek Within, E.C. Commercial Banks (7 Dinas), processor (2, E.C. Dinas Banks, (7 Dinas	street, E.C.	Lloyds and Co
Commercial Bank of Indias, 2-Princes-street, E.C. Camilleria, Roger, Son, and Co., 24, Danklersbury, E.C. Chartered Bank of India, Andralia, and China, 20, Threadmeotie-street, E.C. Dimmidal, Provent, and Co., 34, Londhard-street, E.C. Chartered Bank of India, Andralia, and China, 20, Threadmeotie-street, E.C. Chartered Bank of India, Andralia, and China, 20, Threadmeotie-street, E.C. Dimmidal, Provent, and Co., 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	Colonial Bank, 13, Bishopsgate-street Within, E.C.	I Lewis Moillet and Co Robarts and Co.
Coutting, Roger, Son, and Co., 24, Encklersbury, E.C. Camilfie, Roger, Son, and Co., 24, London. Camilfie and Co., 25, Camilfie, E.C. Camilfie, South, and Co., 26, Camilfie, E.C. Camilfie, South, and Co., 27, Camilfie, E.C. Camilfie, South, and Co., 28, Camon-street, E.C. Camilfie, Cami	Commercial Bank of India, 4, Princes-street, E.C.	Birmingham Banking Company and Co.
Cumite, and Co., 29, Curmilli, Ed. Chartered Bank of India, Australia, and China, 20, Threadmedie-street, E.C. Chartered Bank of India, Australia, and China, 20, Threadmedie-street, E.C. Chartered Bank of India, Australia, and China, 20, Threadmedie-street, E.C. Drammend, Messer, 40, Chartered Bank, 73, Cornhill, E.C. Buglish, Scotish, and Australian Chartered Bank, 73, Cornhill, E.C. Buglish, Scotish, and Australian Chartered Bank, 73, Cornhill, E.C. Buglish, Scotish, and Australian Chartered Bank, 73, Cornhill, E.C. Buglish, Scotish, and Australian Chartered Bank, 73, Cornhill, E.C. Buglish, Scotish, and Australian Chartered Bank, 73, Cornhill, E.C. Buglish, Scotish, and Australian Chartered, E.C. Gedilags and Sharps, 18, Pice-street, E.C. Herries, Parquilar, and Co., 71, Enhant-street, E.C. Herries, Parquilar, and Co., 18, St. James-street, C.C. Herries, Parquilar, and Co., 18, St. James-street, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and I. and Co., 20, Legens-treet, E.C. Johnson, H. and		Birmingham and Midland Bank Union Bank of London.
Dimendel, Prevent, and Co., 50, Conthill, E.C. Denghals, Provent, 40, Charley-reven, 8W Mark, 73, Cornhill, E.C. Benghals, Sootiah, and American Charlest reven, E.C. Goslings and Sharpo, 19, Piece-street, E.C. Goslings and Sharpo, 19, Piece-street, E.C. Goslings and Sharpo, 19, Piece-street, E.C. Herries, Parquhar, and Co., 16, St. James-street, E.W. Hopkins and Go., 2, Regent-teviers, M. Horres, Mesze, 37, Piece-terreet, James and Co. Hopkins and Go., 2, Regent-teviers, W. Horres, Mesze, 37, Piece-terreet, E.C. Hopkinson and Co., 2, Regent-teviers, W. Horres, Mesze, 37, Piece-terreet, E.C. Jones, Loyd, and Co., 2, Regent-teviers, W. Longian Bank, G. Lochbury, R.C. Jones, Loyd, and Co., 3, Regent-teviers, W. London and Country, R.C. Jones, Loyd, and Co., 4, Repeat-teviers, W. London and Country, Bank, 21, Lombard-street, E.C. Jones, Loyd, and Co., 4, Repeat-teviers, W. James-street, Country, Bank, 21, Lombard-street, E.C. London and Country, Bank, 21, Lombard-street, E.C., 14 Deet-gate, 8, W.; 76 Earl-Replaced Bank, C. Lordon, M.C. London and Country, Bank, 21, Lombard-street, E.C. London and Country, Bank, 21, Lombard-street, E.C. London and Westminister Dank, London and Westminister Bank, London and Westminister Bank, London and Westminister, London, M.C. London and Westminister, London, W.C.; Bank-buildings, 187, Shoreditch, N.M.; James-street, Covent Garden, W.C.; London and Westminister, London and Westminist	Cunliffe, Roger, Son, and Co., 24, Bucklersbury, E.C.	Company London.
Dimendel, Prevent, and Co., 50, Conthill, E.C. Denghals, Provent, 40, Charley-reven, 8W Mark, 73, Cornhill, E.C. Benghals, Sootiah, and American Charlest reven, E.C. Goslings and Sharpo, 19, Piece-street, E.C. Goslings and Sharpo, 19, Piece-street, E.C. Goslings and Sharpo, 19, Piece-street, E.C. Herries, Parquhar, and Co., 16, St. James-street, E.W. Hopkins and Go., 2, Regent-teviers, M. Horres, Mesze, 37, Piece-terreet, James and Co. Hopkins and Go., 2, Regent-teviers, W. Horres, Mesze, 37, Piece-terreet, E.C. Hopkinson and Co., 2, Regent-teviers, W. Horres, Mesze, 37, Piece-terreet, E.C. Jones, Loyd, and Co., 2, Regent-teviers, W. Longian Bank, G. Lochbury, R.C. Jones, Loyd, and Co., 3, Regent-teviers, W. London and Country, R.C. Jones, Loyd, and Co., 4, Repeat-teviers, W. London and Country, Bank, 21, Lombard-street, E.C. Jones, Loyd, and Co., 4, Repeat-teviers, W. James-street, Country, Bank, 21, Lombard-street, E.C. London and Country, Bank, 21, Lombard-street, E.C., 14 Deet-gate, 8, W.; 76 Earl-Replaced Bank, C. Lordon, M.C. London and Country, Bank, 21, Lombard-street, E.C. London and Country, Bank, 21, Lombard-street, E.C. London and Westminister Dank, London and Westminister Bank, London and Westminister Bank, London and Westminister, London, M.C. London and Westminister, London, W.C.; Bank-buildings, 187, Shoreditch, N.M.; James-street, Covent Garden, W.C.; London and Westminister, London and Westminist	Curries and Co., 29, Cornhill, E.C.	Branch Bank of England Bank of England.
Brammond, Alestra, de Antalian, Chercherol Bank, 70, Cornhill, E.C. Byllers, Banhing, and Co., 71, Combard-street, E.C. Glyn, Mills, and Co., 67, Combard-street, E.C. Hardey, Mossra, 7, Frenchurch-street, E.C. Hopkinson and Co., 21, Experimental Co., 21, Combard-street, E.C. Hopkinson and Co., 22, Combard-street, E.C. Hopkinson and Co., 23, Combard-street, E.C. Hopkinson and Co., 24, Combard-street, E.C. Johnson, H. and I., and Co., 26, Combard-street, E.C. Johnson, H. and I., and Co., 26, Combard-street, E.C. Johnson, H. and I., and Co., 26, Combard-street, E.C. Johnson, H. and I., and Co., 26, Combard-street, E.C. Johnson, H. and J., and Co., 27, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and Co., 28, Combard-street, E.C. Johnson, H. and J., and C		
Gyp, Alus, and Co., 9, Londonard-streek, E.C. Haakey, Mesars, 7, Fenchurch-streek, E.C. Haakey, Mesars, 7, Fenchurch-streek, E.C. Hall and Sons, 17, West Smithfield, E.C., and 2, Metropolitan Cattle Market, N.W. Horse, Mesars, 7, Fenchurch-streek, E.C. Hill and Sons, 17, West Smithfield, E.C., and 2, Metropolitan Cattle Market, N.W. Horse, Mesars, 7, Fenchurch-streek, E.C. Johnston and Sons, 17, West Smithfield, E.C., and 2, Metropolitan Cattle Market, N.W. Horse, Mesars, 7, Fenchurch-streek, E.C. Johnston, H. and I., and Co., 28, Lothunger-streek, E.C. Johnston, H. and I., and J., and J.	1 Orummond Messrs. 49 Charling-cross, D. W.	70
Gyp, Aust, and Co., 19, Londard-streek, E.C. Haakey, Mesars, 1, Fenchurch-streek, E.C. Haakey, Mesars, 1, Fenchurch-streek, E.C. Hall and Sons, 17, West Smithfield, E.C., and 2, Metropolitan Cattle Market, N.W. Horse, Mesars, 2, Fleed-streek, S.J. Horse, Mesars, 3, Fleed-streek, S.J. Horse, Streek, 3, Fleed-streek, E.C. Hill and Sons, 17, West Smithfield, E.C., and 2, Metropolitan Cattle Market, N.W. Horse, Mesars, 3, Fleed-streek, E.C. Horse, Mesars, 3, Fleed-streek, E.C. Johnston, H. and I., and Co., 36, Lothurgh, C.G., 14, Metropolitan Cattle Market, N.W. Horse, Mesars, 3, Fleed-streek, E.C. Johnston, H. and I., and Co., 36, Lothurgh, C.G., 14, Metropolitan Cattle Market, N.W. London Chartered Bank of Australia, 17, Cannon-streek, E.C. Johnston, H. and I., and Co., 36, Lothurgh, C.G., 14, Ecc., 14, Horsey, L.C. Johnston, H. and I., and Co., 36, Lothurgh, C.G., 14, Ecc., 14, Horsey, L.C. Johnston, H. and I., and Co., 36, Lothurgh, C.G., 14, Ecc., 14, Horsey, L.C. Johnston, H. and J., and Co., 36, Lothurgh, C.G., 14, Ecc., 14, Horsey, L.C. Johnston, H. and J., and Co., 36, Lothurgh, C.G., 14, Ecc., 14, Horsey, L.C. Johnston, H. and J., and Co., 36, Lothurgh, C.G., 14, Ecc., 14, Horsey, L.C. Johnston, H. and J., and Co., 36, Lothurgh, E.C., 14, Ecc., 14, Horsey, L.C., 14, Ecc., 14, Horsey, L.C., 14, L.C. London and Westbourne Grove, Bayawater, W. James-streek, Cownell Garder, W.C., 12, Horsey, E.C., 14, Ecc., 14, Horsey, L.C., 14, Horsey, L.C., 14, L.C. London and Westbourne Grove, Bayawater, W. J. London and Streek, D.C. Johnston, W.C., 12, L., Salmes stequence, S.W., 22, L. Johnston, M.C., 12, L., Salmes stequence, S.W., 22, L. Johnston, J.C., 14, Ecc., Salmes stequence, S.W., 22, L. Johnston, J.C., 14, Ecc., Salmes stequence, S.W., 22, L. Johnston, J.C., 14, Ecc., Salmes stequence, S.W., 22, L. Johnston, J.C., 14, Ecc., Salmes stequence, S.W., 22, L. Johnston, J.C., 14, Ecc., Salmes stequence, S.W., 22, L. Johnston, J.C., 14, Ecc., Salmes stequence, S.W., 22, L. Johnston, J.C., 14, Ecc., Salmes stequence, S.	Fullers, Banbury, and Co., 77, Lombard-street, E.C.	Boyle, Low, Pim, and Co Williams and Co.
Hanbury and Loyds, 60, Lombard-streek, E.C. Harries, Partynhar, and Co., 10, Lombard-streek, E.C. Herries, Partynhar, and Co., 11, Lombard-streek, E.C. Herries, Partynhar, and Co., 11, Lombard-streek, E.C. Hill and Sons, 17, West Smithfield, E.C., and L. Hopkinson and Co., 3, Repressiver, C. Lombar Bank, 6, Greaz Winchester-streek, E.C. Lombar Bank, 6, Greaz Winchester, E.C. Lombar Bank, 6, Lombard-streek, E.C. Lombar Ban	Glyn, Mills, and Co., 67, Lombard-street, E.C.	Robert Gray and Co Glyn and Co.
Hankey, Mesers, 7, Fencherchert, Stephen, Stereet, S.W. Herries, Partyphan, and Co., Londbard-stereet, E.C. Hill and Sons, 17, West Smithfield, B.C., and 22, Metropolitan Cattle Market, N.W. Hopkinson and Co., 3, Recent Proceedings of the Company	Hanburys and Lloyds, 60, Lombard-street, E.C.	Provincial Bank of Ireland Spooner and Co.
Higwards, Kemnaris, and Co., 4, Lombard-street, E.C. Hill and Sons, 17, West Smithingh, E.C., and 2, Materian and Co., 18, Lombard-street, E.C. Londan Bank, 6, Great Winchester-street, E.C. London Chartered Bank of Australia, 17, Cannon-street, E.C. London and County Bank, 21, Lombard-street, E.C., 21, High-street, Kensigton, W.; James-street, Covent Garden, W.C.; Bank-buildings, 187, Shoreditch, N.E., London and Stock Bank, 4, Prince-street, Mansion House, E.C., and c9, Pall London and Westminster, Lothbary, E.C.; 1, S., James s-quarre, S.W.; 213, High-follown, W.C.; S. Wellington-street, Horson, B.C., and c9, Pall High-follown, W.C.; S. Wellington-street, Lorengh, S.E.; S.W. Wilter, M.C. London and Westminster, Lothbary, E.C., 11, S., James s-quarre, S.W.; 213, High-follown, W.C.; S. Wellington-street, Horson, B.C., and County Bank of Scotland London and Westminster, Lothbary, E.C., 11, S., James s-quarre, S.W.; 213, High-follown, W.C.; S. Wellington-street, Horson, B.C., and County Bank of Scotland London and Westminster, Lothbary, E.C., 11, S., James s-quarre, S.W.; 213, High-follown, W.C.; S. Wellington-street, Horson, B.C., and County Bank of Scotland London and Westminster, Lothbary, E.C., 11, S., James s-quarre, S.W.; 213, High-follown, W.C.; S. Wellington-street, Horson, B.C., and Co., 21, King William-street, E.C. Masterman, Peters, and Co., 3, King William-street, E.C. Masterman, Peters, and Co., 3, King William-street, E.C. Mortin Bank of England, 11, Bishoopen street Wilhin, E.C. North Western Bank of House, E.C., and County and Co., 20, Merchanister, E.C., Cottoman Bank, Bank-follown, and Co., 20, High-bi-there, E.C. Cottoman Bank, Bank-follown, and Co., 21, Comband-street, E.C. Spooner, Athewook, and Co., 12, Comband	Hankey, Messrs., 7, Fenchurch-street, E.C.	D. La Touch and Co
Hoders, Mesers. 37, Fleet-street, E.C. Hopkinson and Co., 3, Repent-street, S.W. Imperial Bank, 6, Lothbury, B.C. Londan Bank, 6, Lothbury, B.C. Jones, Loyd, and Co., 42, Lothbury, B.C. Jones, Loyd, and Co., 42, Lothbury, B.C. London Chartered Bank of Australia, 17, Cannon-screet, E.C. Jones, Loyd, and Co., 42, Lothbury, B.C. London Chartered Bank of Australia, 17, Cannon-screet, E.C. Berkley-lape, Betware-road, W.; 441, Oxford-street, W.; 21, Hanoversequence, W.; 19, High-street, Islington, N.; High-street, Kensington, W.; James-street, Overnet Garden, W.C.; Bank-bridlings, 187, Shorthidings, 1	Heywood, Kennards, and Co., 4, Lombard-street, E.C.	Bank of Ireland
Hopkinson and Co., 2, Regent-street, City, E.C. Jouina Pank, 6, Great Winchester-street, City, E.C. Jouina Pank, 6, Great Winchester-street, E.C. Jouina Pank, 6, Great Winchester-street, E.C. Larg rand Son, 60, West Smithfled, &C., and 11, Metropolitan Cattle Market, N.W. Lands and County Bank, 21, Lombard-street, E.C., 2, Albert-graze, S.W. 16, London Chartered Bank of Australia, 17, Cannon-street, E.C. Larg rand Son, 60, West Smithfled, &C., and 11, Metropolitan Cattle Market, N.W. London and County Bank, 21, Lombard-street, E.C., 2, Habert-graze, S.W. 16, London Chartered Bank of Australia, 17, Cannon-street, E.C. Lands and County Bank, 21, Lombard-street, E.C., 2, Habert-graze, 21, Hauwer-graze, 11, Habert-graze, 12, Hauwer-graze, 13, Habert-graze, 13, Habert-graze, 14, London and County Bank, 21, Lombard-street, Banks on House, D.C., and 60, Pall-mail, 8, W.C. London and Sondilesex Dank, Countill, E.C., and at St. Morth's-lane, W.C. London and Wasteminster, Losbbary, E.C.; 1, St. James-sequence, N.W. 213, High-Holbory, W.C.; 2, Wellington-street, Borough, S.E.; 8, White-chapel, High-street, E.; 4, Stratiord-pines, W., and 217, Strand, W.C. London and Sonth African Bank, 16, Kingland, 112, Einhaut-street, E.C. Masterman, Peters, and Co., 35, Nicholas-lane, E.C. Masterman, Peters, and Co., 35, Nicholas-lane, E.C. Masterman, Peters, and Co., 22, Clements-lane, E.C. Coldona, Bank, 13, Old Broad-street, E.C., and Gloue-street, E.C. Coldona, Bank, 13, Old Broad-street, E.C. Coldona, Bank, 14, Sank, 14, Sornhill, E.C. Coldona, Bank, 13, Old Broad-street, E.C. Coldona, Bank, 14, Sornhill, E.C. Coldona, Bank, 14, Sank, 1	Hill and Sons, 17, West Smithfield, E.C., and 2, Metropolitan Cattle Market, N. W.	
Jonis Bank, 6, Great Winchester-street, Gity, E.C. Jones, Loyd, and C., 43, Lothury, E.C. Jones, Loyd, and C., 43, Lothury, E.C. Jones, Loyd, and C., 43, Lothury, E.C. Jones, Loyd, and C.C., 43, Lothury, E.C. London and County Bank, 21, Lombard-street, E.C., Albert-gate, S.W., 16, Berkley-place, Edyware-road, W.; 441, Oxford-street, W.C.; Jank-place, W.C.; Jank-place, Edyware-road, W.; 441, Oxford-street, W.C.; Jank-place, W.C.; Jank-place, Jank-place, Jank-place, W.C.; Jank-place, Jank-place, Jank-place, W.C.; London and Middlesex Bank, Oxford-place, W., and aff. S. Matrin-lana, W.C. London and Middlesex Bank, Oxford-place, W., and aff. S. Matrin-lana, W.C. London and Middlesex Bank, Oxford-place, W., and aff. S. Matrin-lana, W.C. London and Middlesex Bank, Oxford-place, W., and aff. S. Matrin-lana, W.C. London and Middlesex Bank, Oxford-place, W., and aff. S. Matrin-lana, W.C. London and Middlesex Bank, Oxford-place, W., and aff. S. Matrin-lana, W.C. London and Middlesex Bank, Oxford-place, W., and aff. S. Matrin-lana, W.C. London and Stank African Bank, 10, King William-street, E.C. National Bank of Edystam, 112, Ed	Hopkinson and Co., 3, Regent-street, S.W.	(London and Westminster Bank.
Johnston, H. and I., and Co., 28, Cannon-streete, E.O. Jones, Loyd, and Co., 43, Lordbury, E. Out II. Metropolitan Cattle Market, N.W. Jones, Loyd, and Co., 43, Lordbury, E. Out II. Metropolitan Cattle Market, N.W. London and County Bank, 21, Lombard-street, E.O.; Albert-gate, S.W., 16, Berkeley-place, Edgware-road, W. 1, 441, Oxford-street, W.; 21, Hanover-guarce, W.; 19, High-street, E.O.; High-street, E.O.; Albert-gate, S.W., 16, Derkeley-place, Edgware-road, W. 1, 441, Oxford-street, W.; 21, Hanover-guarce, W.; 19, High-street, E.O.; High-street, E.	Imperial Bank, 6, Lothbury, E.C.	Olster Banking Company (Prescott and Co.
Lacyand Soni, O, West Smithfled, &C., and I, Metropolitan Cattle Market, N.W. Dandon Chartered Bank of Australia, 17, Camono-street, &C. London and Country Bank, 21, London and Country Bank, 21, London and Country Bank, 21, London and Sundand-Steete, &C., Albergate, S.W., 13, Hardwer, Berkeley-place, Buyware-season bundless, 187, 14 January Berkeley-place, Buyware-season and West Dandon and Mindester and Co., 2, Bank, 5, Prince-street, Morang, N. High-street, Kenshigton, W. James-street, Overn Garden, W.C.; Bank-buildings, 187, Shoreditch, N.E., and Westbourne Grove, Baywatter, W. London Joint Stock Bank, 5, Prince-street, Morang, S.E.; 57, White-bank and Westbourne Grove, Baywatter, W. London and Mindester and Co., and Carlon, Carlon	Johnston, H. and I., and Co., 28, Cannon-street, E.C.	
London Chartcreil Bank of Ausstalia, 14, Cambod-Serves, Albertsgree, 5, Serv. 16, Clordion and Contry Bank, 21, Lonbard-Served, Albertsgree, 5, Serv. 16, Clordion Jones, Co. Control-Steeds, W. 21, January 18, 21, Lonbard-Served, Colorid-Steeds, W. 21, January 19, 19, High-street, Islington, X.; High-street, Kensington, W.; January 19, Princes-street, Mansion House, E.C., and 69, Pall-coloridon, Steeds, M. 18, 18, 18, 18, 18, 18, 18, 18, 18, 18,	Jones, Loyd, and Co., 43, Lothbury, E.C.	Bank of Scotland Courts and Co., Smith and Co., and Eank of England.
Berkeley-place, Edgware-road, W., '44] (Obro-steret, W.) and Service, State of Servi	London Chartered Bank of Australia, I., Cannon-street, E.C.	City of Glasgow Bank London John-Stock Tank.
square, W.; 19, High-street, E.; F.; Almesbried, W.C.; Bank-buildings, 15; Shoreditch, N.E.; High-street, E.; F.; Frince-street, Mansion House, E.C., and C9, Pall London and Westbourne Grove, Bayswarer, W. London and Westbourne, Co., and G., Prince-street, E.C., and C9, Pall London and Westbourne, Co., and G., and at St. Martin's-lane, W.C. London and Westbourne, Co., and G., an	Berkeley-place, Edgware-road, W.; 441, Oxford-street, W.; 21, Hanover	Commercial State of Section 2.
and Westbourne (rove, Bayswater, W. London and Stock Bank, 6, Prince-street, Mansion House, E.C., and 69, Pall- mall, S.W. London and Middlesex Bank, 6, Prince-street, E.C., and at St. Martin's-lane, W.C. London and Westminster, Lothbury, E.C.; 1, St. James's-equare, S.W.; 213, High-Holborn, W.C.; 3, Wellington-steret, Brough, S.E.; 8, White- chapel, High-street, E., Bank, 10, King William-street, E.C. Masterman, Paters, and Co., 35, Nicholas-lane, E.C. Masterman, Paters, and Co., 35, Nicholas-lane, E.C. Masterman, Paters, and Co., 35, Nicholas-lane, E.C. Matonial Bank, 13, Old Broad-street, E.C., and Gloucester-gardens, Bayswater, W. Moional Froviend Bank of England, 112, Bishopsyste-street Wildlin, E.C. Olding, Osborne, and Co., 22, Clements-lane, E.C. Olding, Osborne, and Co., 22, Clements-lane, E.C. Olding, Osborne, and Co., 22, Clements-lane, E.C. Praceds and Co., 189, Piete-street, E.C. Praceds and Co., 180, Co., and Co., 22, Clements-lane, E.C. Praceds and Co., 180, Co., and Co., 22, Clements-lane, E.C. Praceds and Co., 180, Co., and Co., 22, Clements-lane, E.C. Praceds and Co., 180, Co., and Co., 22, Clements-lane, E.C. Nott and Co., 180, Co., and Co., 22, Clements-lane, E.C. Praceds and Co., 180, Co., and Co., 22, Clements-lane, E.C. Praceds and Co., 180, Co., and Co., 22, Clements-lane, E.C. Praceds and Co., 180, Co., and Co., 28, Paralle Company, Co., and Co.	course W · 19 High-street Islington, N.: High-street, Kensington, W.	Smith and Co., and Bank of
London Joint Stock Bank, 5, Princes-street, Mansion House, B.C., and de St. Martin's Jane, W.C. London and Middlesex Bank, Corntill, E.C., and de St. Martin's Jane, W.C. London and Middlesex Bank, Corntill, E.C., and St. St. Martin's Jane, W.C. London and Middlesex Bank, Corntill, E.C. Martin and Co., 48, Stranford-place, W., and cl'1, Strand, W.C. Martin and Co., 48, Standford-place, W., and cl'1, Strand, W.C. Martin and Co., 48, Stombard-street, E.C. Metropolitian and Provincial Bank, 12, Old Broad-street, E.C. Metropolitian and Provincial Bank, 13, Old Broad-street, Within, E.C. Metropolitian and Provincial Bank, 13, Old Broad-street, Within, E.C. North Western Bank of Martin, South San Bouse, E.C. Ottoma Bank, Bank-buildings, Princes-street, Within, E.C. Ottoma Bank, Bank-buildings, Princes-street, E.C. Prescott, Grote, and Co., 22, Clements-sine, E.C. Ottoma Bank, Bank-buildings, Princes-street, E.C. Prescott, Grote, and Co., 12, St. Paul's E.C. Provincial Bank of Iroland, 42, Old Broad-street, E.C. Provincial Bank of Iroland, 43, Old Broad-street, E.C. Provincial Bank of London, J. St. Paul's St. St. W. Smith, Eder, and Co., 45, Pall-mall, S.W. Smith, Eder, and Co., 21, Carend-street, E.C. South Australian Banking Company, 54, Old Broad-street, E.C. Spooner, Attwoofs, and Co., 22, Brichal-street, E.C. Union Bank of Australia, 38, Old Broad-street, E.C. Willian, Beacon, and Co., 20, Birchi-lane, E.C. Willian, Percival, and Co., 20, Birchi-lane, E.C. Willian, Percival, and Co., 20, Birchi-lane, E.C. Willian, Beacon, and Co., 20, Birchi-lane, E.C. Coulting Bank of Co., 15, London-street, E.C. Willian, Beacon, and Co., 20, Birchi-lane, E.C. Coulting Bank of Co.,	and Westhourne Grove, Bayswater, W.	Barclay and Co., Coutts and
London and Wastimister, Lobbury, E.C.; 1, St. James sequare, S.W.; 213, High-Holborn, W.C.; 3, Wellington-street, Borongh, S.E.; 87, White-chapel, High-street, E.C.; 4, Stration-place, W., and 217, Strand, W.C. London and South African Bank, 10, King William-street, E.C. Masternan, Peters, and Co., 35, Nicholas-lane, E.C. Metropolitan and Provincial Bank, 76, Cornhill, E.C. National Bank, 13, Old Broad-street, E.C. Mand Cloucester-gardens, Water, W. National Bank, 13, Old Broad-street, E.C., and Cloucester-gardens, Water, W. National Formation and Co., 23, Nicholas-lane, E.C. Mondal Formation, South San Bouse, 10, Olding, Osborna, and Co., 22, Clements-iane, E.C. Olding, Osborna, and Co., 22, Clements-iane, E.C. Olding, Osborna, and Co., 22, Clements-iane, E.C. Price, Marryatt, and Co., 12, St. Parl's Churchyard, E.C. Provincial Bank of Crot, and Co., 22, Clements-iane, E.C. Provincial Bank of London, 12, St. Parl's Churchyard, E.C. Provincial Bank of London, 12, St. Parl's Churchyard, E.C. Provincial Bank of Crot, and Co., 22, Clements-iane, E.C. Provincial Bank of London, 12, St. Parl's Churchyard, E.C. Provincial Bank of London, 14, 20, Old Broad-street, E.C. Provincial Bank of Crot, and Co., 27, Chreadneedle-street, E.C. Provincial Bank of London, 12, St. Parl's Churchyard, E.C. Agail, London-street, E.C. Spielman, A., and Co., 73, London-street, E.C. Spielman, A., and Co., 74, London-street, E.C. Spielman, A., and Co., 75, Strand, W.C. London, 12, St. Parl's Churchystreet, E.C. Spielman, A., and Co., 75, Strand, W.C. London Hollas, C.C. Agail, London-street, E.C. William, Strand, W.C. London, 12, Strand, W.C. London Hollas, C.C. Agail, London-street, E.C. Spielman, A., and Co., 75, Churchystreet, E.C. Spielman, A., and Co., 76, London-street, E.C. Spielman, A., and Co., 76, London-street, E.C. Condon-street, E.C. Spielman, A., and Co., 76, London-street, E.C. Condon-street, E.C. Spielman, A., and Co., 76, London-street, E.C. Condon-street, E.C. Spielman, A., and Co., 76, London-street, E.C. Condon-street,	London Joint Stock Bank, 5, Princes-street, Mansion House, E.C., and 69, Pall	Barnett and Co.
London and Westminster, Lothbury, E.C.; 1, St. James sequare, S.W. 19, High-street, E.G.; 3, Wellingstosteret, Borongin, S.E.; 5, White-chapel, High-street, E.; 4, Stratford-place, W., and 117, Strand, W.C. London and South African Bank, 10, King Williams street, E.C. Marin and Co., 68, London-chaper, Combili, E.C. National Bank, 13, Old Broad-street, E.C. and Gloucester-gardens, Bayswater, W. National Bank, 13, Old Broad-street, E.C., and Gloucester-gardens, Bayswater, W. National Provincial Bank of England, 112, Bishopspate-street Within, E.C. Oriental Bank of England, 112, Bishopspate-street, Within, E.C. Oriental Bank of England, 112, Bishopspate-street, Within, E.C. Oriental Bank of India, Gresham House, Old Broad-street, E.C. Oriental Bank of India, Gresham House, Old Broad-street, E.C. Oriental Bank of Scotland (Contras and Co., and Eank of Color, and Co., 21, Glements-lane, E.C. Ottoman Bank, Bank-buildings, Prince-street, E.C. Union Bank of Scotland (Contras and Co., and Eank of Provincial Bank of India, 42, Old Broad-street, E.C. Scotland (Contras and Co., 1, Fall-mall East, S.W. Robarts, Lubbook, and Co., 1, Fall-mall East, S.W. Smith, Elder, and Co., 43, Pall-mall, S.W. Smith, Elder, and Co., 44, Pall-mall, S.W. Smith, Elder, and Co., 45, Pall-mall, S.W. Smith, Elder, and Co., 45, Contras and Co., 27, Grace-chard-street, E.C. Scotland (Contras and Co.) The Contras and Co. Scot	London and Middlesex Bank, Cornhill, E.C., and at St. Martin's-lane, W.C.	Clydesdale Banking Company (London and Westminster Bank.
Martin and Co., 68, Lombard-street, E.C. Masternan, Peters, and Co., 38, Micholas-lane, E.C. Maternand and Provincial Bank, 75, Cornhill, E.C. National Bank, 13, Old Broad-street, E.C., and Gloucester-gardens, water, 14, Old Broad-street, E.C. Oderstand Martin Bank of Lindia, Gresham Honse, Old Broad-street, E.C. Oderstand Bank of India, Gresham Honse, Old Broad-street, E.C. Oderstand Bank, Bank-buildings, Princesstreet, E.C. Pracels and Co., 23, Clements-lane, E.C. Oderstand Bank, Bank-buildings, Princesstreet, E.C. Pracels and Co., 18, Fleet-street, E.C. Pracels and Co., 18, Fleet-street, E.C. Provincial Bank of Ireland, 42, Old Droad-street, E.C. Proceeds Bank of Ireland, 42, Old Droad-street, E.C. Proceeds Bank of Ireland, 42, Old Droad-street, E.C. Provincial Bank of Ireland, 42, Old Droad-street, E.C. Proceeds Bank of Ireland Ba	Tandan and Westmington Loftbury E.C. 1 St. James S-soughe, S.W. 216	Royal Bank of Scotland Bank of England and Courts and Co.
Martin and Co., 68, Lombard-street, E.C. Masternan, Peters, and Co., 38, Micholas-lane, E.C. Maternand and Provincial Bank, 75, Cornhill, E.C. National Bank, 13, Old Broad-street, E.C., and Gloucester-gardens, water, 14, Old Broad-street, E.C. Oderstand Martin Bank of Lindia, Gresham Honse, Old Broad-street, E.C. Oderstand Bank of India, Gresham Honse, Old Broad-street, E.C. Oderstand Bank, Bank-buildings, Princesstreet, E.C. Pracels and Co., 23, Clements-lane, E.C. Oderstand Bank, Bank-buildings, Princesstreet, E.C. Pracels and Co., 18, Fleet-street, E.C. Pracels and Co., 18, Fleet-street, E.C. Provincial Bank of Ireland, 42, Old Droad-street, E.C. Proceeds Bank of Ireland, 42, Old Droad-street, E.C. Proceeds Bank of Ireland, 42, Old Droad-street, E.C. Provincial Bank of Ireland, 42, Old Droad-street, E.C. Proceeds Bank of Ireland Ba	chapel, High-street, E.; 4, Stratford-place, W., and 217, Strand, W.C.	Union Bank of London,
Maternam Peters, and Co., 35, Nicholas-lane, E.C. Materopolitas and Provincial Bank, 75, Cornhill, E.C. Nichonal Bank, 13, Old Broad-street, E.C., and Gloucester-gardens, Bayswater, W. National Provincial Bank of England, 112, Bishopsgrate-street Within, E.C. North Western Bank of India, Grestam House, Old Broad-street, E.C. Orlental Bank Corporation, South Sea House, E.C. Olding, Osborne, and Co., 23, Clements-lane, E.C. Ottoman Bank, Bank-buildings, Princes-street, E.C. Ottoman Bank, Bank-buildings, Princes-street, E.C. Ottoman Bank, Bank-buildings, Princes-street, E.C. Orlenseott, Grote, and Co., 62, Threadneedle-street, E.C. Precostit, Grote, and Co., 63, King William-st. etc., E.C. Provincial Bank of Ireland, 42, Old Broad-street, E.C. Ransom, Bouverie, and Co., 42, Land-street, E.C. Ransom, Bouverie, and Co., 14, Lombard-street, E.C. Scott and Co., 15, Lombard-street, E.C. Scott and Co., 15, Lombard-street, E.C. Spielman, A., and Co., 74, Dambard-street, E.C. Spielman, A., and Co., 74, Lombard-street, E.C. Union Bank of Australia, 38, Old Broad-street, E.C. Williams, Deacon, and Co., 29, Birchin-lane, E.C. LIVERPOOL. Moss and Co. LIVERPOOL LIVERPOOL LIVERPOOL LEVENDOL Moss and Co. LEVENDOL Moss and Co. LEVENDOL LEVENDOL LEVENDOL LEVENDOL LEVENDOL Moss and Co. LEVENDOL LEVENDOL Moss and Co. LEVENDOL Moss and Co. LEVENDOL LEVENDOL LEVENDOL LEVENDOL LEVE	Morrin and Co. 68 Lombard-street, E.C.	
National Bank, 13, Old Broad-street, E.C., and Gloucester-gardens, Water, W. National Provincial Bank of England, 112, Bishopspate-street Within, E.C. North Western Bank of India, Grestam House, Old Broad-street, E.C. Olding, Osborne, and Co., 23, Clements-lane, E.C. Olding, Osborne, and Co., 24, Clements-lane, E.C. Praceds and Co., 189, Fleet-street, E.C. Prescott, Grote, and Co., 62, Threadneedle-street, E.C. Prescott, Grote, and Co., 62, Threadneedle-street, E.C. Provincial Bank of India, Grestam House, E.C. Prescott, Grote, and Co., 62, Threadneedle-street, E.C. Prescott, Grote, and Co., 62, Threadneedle-street, E.C. Provincial Bank of Indian, Grestam House, Clid Broad-street, E.C. Prescott, Grote, and Co., 62, Threadneedle-street, E.C. Prescott, Grote, and Co., 62, Threadneedle-street, E.C. Ramsom, Bouverie, and Co., 1, Tall-mall East, S.W. Robarts, Lubboos, and Co., 1, Calvendish-square, W. Smith, Payne and Smith, S.W. Smith, Payne and South Wales Disct. Bank Glyn and Co. Barnett and Co. Barnett and Co. Barnett and Co. Streenson, Salt, and Sons, 29, Lombard-street, E.C. Spooner, Attwoods, and Co., 1, Galvendish-square, W. Swith, Payne and South Wales Disct. Bank Glyn and Co. Barnett and Co. Barnett and Co. Streenson, Salt, and Sons, 29, Lombard-street, E.C. Spooner, Attwoods, and Co., 1, Calvendish-square, W. Swith, Payne, and Smith, E.C. Union Bank of England and South Wales Disct. Bank Glyn and Co. Barnett and Co. Streenson, Salt, and Sons, 29, Lombard-street, E.C. Spooner, Attwoods, and Co., 1, Galvendish-square, W. Swith, Payne, and Smith, E.C. Union Bank of England Barnett and Co. Bradford Banking Company Sold Branett and Co. Union Bank of Australia, 88, 910 dBroad-street, E.C. Bradford Banking Company Sold Branett and Co. Union Bank of London, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	Masterman, Peters, and Co., 35, Nicholas-lane, E.C.	
water, W. National Provincial Bank of England, 112, Bishopsgate-street Within, E.C. North Western Bank of India, Grestam House, Old Broad-street, B.C. Olding, Osborne, and Go., 23, Clements-lane, E.C. Olding, Osborne, and Go., 23, Clements-lane, E.C. Praceds and Co., 189, Ficet-street, E.C. Praceds and Co., 189, Ficet-street, E.C. Prescott, Force, and Co., 62, Threadneedle-street, E.C. Provincial Bank of Ireland, 42, Old Broad-street, E.C. Provincial Bank of Ireland, 42, Old Broad-street, E.C. Robarts, Lubbock, and Go., 1, Pall-mall East, S.W. Smith, Elder, and Co., 1, Pall-mall, E.C. South Australian Banking Company, 54, Old Broad-street, E.C. South Australian Banking Company, 54, Old Broad-street, E.C. Sylchand, A., and Co., 72, Gracechurch-street, E.C. Sylchand, A., and Co., 72, Gracechurch-street, E.C. Strevenson, Salt, and Sons, 20, Lombard-street, E.C. Strevenson, Salt, and Sons, 20, Lombard-street, E.C. Strevenson, Salt, and Sons, 20, Lombard-street, E.C. String and Co., 215, Strand, W.C. Twining and Co., 215, Strand, W.C. Twining and Co., 216, Strand, W.C. Williams, Deccon, and Co., 2, Firthee-street, M. Share, E.C. Williams, Deccon, and Co., 2, Firthee-street, M. Share, E.C. Williams, Deccon, and Co., 19, Firthee-street, M.C. Williams, Deccon, and Co., 19, Firthee-street, M.C. Williams, Deccon, and Co., 19, Firthee-street, E.C. Williams, Deccon, and Co., 19, Firthee-street, M.C. Williams, D		- British Linen Company Smith, Payne and Co.
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Israel Barned and Co. Prescott and Co. Branch Bains of Inflant Glyn and Co. Heywood, Sons' and Co. Heywood and Co. Peases, Hoare, and Pease Glyn and Co. J. E. Kneeshaw Curries and Co. Smith, Brothers, and Co. Smith and Co. Leyland and Bullins Masterman and Co. Yorkshire Banking Company Williams and Co.	Moss and Co Barclay and Co.	
J. E. Kneeshaw	Israel Barned and Co	Peases, Hoare, and Pease Glyn and Co.
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	Leyland and Bullins Alasterman and Co.	1078Shife Danking Company





"THE FIRST-BORN," BY F. GOODALL, A.R.A-FROM "THE ILLUSTRATED LONDON NEWS."

"THE FIRST-BORN" is distinguished for its splendour and intensity of colour at the tone and its breadth and completeness of effect. It is also free from a tendency to conventionality of execution into which the artist was falling, in his latter Brittany pictures more especially. We have very competent authority for saying that the subject before us is a perfectly faithful representation. A gentleman who was with the artist at the time tells us that the swarthy model was a Copt woman from the "Christian" or "Copt quarter" of Cairo, and that the fine type and form of these women are not exaggerated. She wears the usual long yell and black hábarah of the Cairene women. The taste for hanging the earrings and dress with Venetian sequins and other pold coins is shown here, even the cap of the infant being thus decorated. The description of trinket is worn by women all along the seaboard of Africa; and our lady-readers know the fashion has lately been adopted by European ladies. The coffee-table, curiously inlaid with ivory and mother-of-pearl, is short, to the distribution of the little creatures is given with immense spirit. The great down one side of the nest and our lady-readers know the fashion has lately been adopted by European ladies. The coffee-table, curiously inlaid with ivory and mother-of-pearl, is short, to the little creatures is given with immense spirit. The great down our side of the nest and our lady-readers know the fashion has lately been adopted by European ladies. The coffee-table, curiously inlaid with ivory and mother-of-pearl, is short, the low divans and the recumbent position assumed when taking refreshments. Through the perforations of the metal vessel on the table the smode of burning perfume is escaping, exemplifying the common local custom of burning perfume is escaping, exemplifying the common local custom of

scenting apartments. The partly-covered divan on which the woman sits is very light but very strong, being constructed of a close framework of split bamboo. The patterns and diapers on the matting of the wall and parts of the draperies show that simple conventionality of design for which the Egyptians and other Oriental nations are remarkable, and which might often, though not always or slavishly, be imitated with advantage by our own designers and in our art-manufactures.

ASTRONOMICAL OCCURRENCES.

JANUARY.

THE SUN was at its shortest distance from the Earth at 10h, 20m. a.m. of Dec. 31, 1863. It is now situated south of the Equator, and is moving northward. It passes from the sign of Capricornus to that of Aquarius at 5h, 42m, on the evening of the 20th.

The MOON is in conjunction with Saturn at 0h. 6m. a.m. of the 3rd; with Jupiter at 10h. 2m. a.m. of the 5th; with Venus at 1h. 55m. a.m. of the 6th; with Mars at 1h. 29m. a.m. of the 7th; with Mercury at 6h. 11m. p.m. of the 10th; with Uranus at 10h. 31m. of the 20th; and with Saturn at 8h. 6m. a.m. of the 30th. It is nearest the Earth at 2h. a.m. of the 10th, and at its greatest distance at 9h. p.m of the 24th.

Last Quarter occurs at 39 minutes past 7 on the morning of the 2nd. New Moon , 46 , 7 on the morning of the 9th. First Quarter , 6 , 11 on the evening of the 18th. Full Moon , 3 , 10 on the evening of the 23rd.

Full Moon , 3 , 11 on the evening of the 15th.

OCCULTATIONS OF STARS BY THE MOON.—Jan. 3, i Virginis, 5th magnitude. Disappearance at 4h. 40m. a.m.; reappears at 4h. 54m. a.m.; angles from vertex, 125 and 149 deg. respectively. Jan. 20, Chi Orionis, 4½ magnitude; disappears at 7h. 57m. p.m.; reappears at 9h. 13m. p.m.; angles from vertex, 39 and 280 deg. respectively. Jan. 21, disappearance of Chi 4 Orionis at 1h. 51m. a.m.; reappears at 9h. 53m. a.m.; angles from vertex, 189 and 281 deg. respectively. Jan. 24, Kappa Cancri, of the 5th magnitude; disappears at 6h. 30m. p.m.; reappears at 7h. 15m. p.m.; angles from vertex, 355 and 259 deg. respectively.

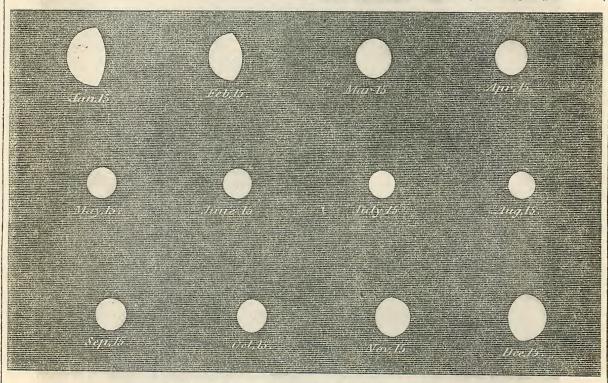
MERCURY is on the borders of Capricornus and Sagittarius at the beginning, and in that of Sagittarius at the end, of the month. It is best seen during the evening at the former time. It arrives at its greatest easterly elongation at 9h. 12m. a.m. of the 9th; is in conjunction with the Moon at 6h. 11m. p.m. of the 10th; arrives at its stationary point at 6h. 53m. p.m. of the 15th; is at its shortest distance from the Sun at 1h. 43m. a.m. of the 17th; and in inferior conjunction with the Sun at 3h. 55m. a.m. of the 25th. On Jan. 1 it rises at 9h. 17m. a.m., and on Jan. 31 at 6h. 42m., setting at the former time at 5h. 18m. p.m., and at the latter at 3h. 46m. p.m.

VENUS is in the constellation of Libra at the beginning, and in that of Sagittarius at the end, of the month. It is now the morning star, rising in the S.E. at 4h. 13m. am. of Jan 1, and at 5h. 16m. am. of Jan 13, and setting at 1h. 31m. p.m. and 1h. 24m. p.m. respectively at those dates. It is near the Moon at 1h. 55m. am. of the 6th; very close to Xi Ophiuchi at 5h. 46m. a.m. of the 22nd, being then 9 minutes north, and again at 5h. 36m. a.m. of the 23rd, when it is about six minutes (of time) to the east.

MARS is badly situated for observation, rising at 5h. 53m. a.m. of Jan. 1, and setting at 1h. 57m. p.m. On Jan. 31 it rises at 5h. 40m. a.m., setting at 1h. 20m. p.m. It is on the confines of the constellations of Scorpio and Ophiuchus at the beginning, and in that of Sagittarius at the end of the month. It is close to the Moon at 1h. 29m. a.m. of the 7th, and one minute of are south of 4 Sagittarii at 8h. 29m. a.m. of the 25th.

JUPITER is visible in the morning in the S.E., rising at 4h. 0m. a.m. of Jan. 1, and at 2h. 26m. a.m. of Jan. 31, setting at those times respectively at 1h. 7m. p.m., and 11h. 20m. a.m. It remains in the constellation of Libra throughout that month. It is close to the moon at 10h. 2m. a.m. of the 5th.

SATURN is not visible until after midnight at the beginning of the month,



PHASES AND RELATIVE DIMENSIONS OF THE DISC OF VENUS, 1864.

rising at 0h. 47m. a.m. on Jan. 1, and at 10h. 51m. p.m. of Jan. 31. At those dates it sets at 0h. 9m. p.m. and 10h. 13m. a.m. respectively. It is situated in the constellation of Virgo. It is close to the Moon at 0h. 6m. a.m. of the 3rd, and at 8h. 6m. a.m. of the 30th; is in quadratures to the Sun at 5h. 19m. p.m. of the 8th, and arrives at its stationary point at 0h. 53m. p.m. of the 28th.

URANUS is visible throughout the nights in the constellation of Taurus. It is close to the Moon at 10h. 31m. a.m. of Jan. 20. It rises at 2h, 27m. p.m. of Jan. 1, and at 0h. 25m. p.m. of Jan. 31, setting at those times at 7h. 3m.

of Jan. 1, and at Un. 25m. p.m. of Jan. 31, setting at those times at 7n, 3m. a.m. and 5h. 1m. a.m. respectively.

ECLIPSES OF JUPITER'S SATELLITES.—Jan. 4, 5h. 42m. a.m., second satellite, disappearance; Jan. 12, 6h. 29m. a.m., first satellite, disappearance; Jan. 28, 4h. 46m. a.m., first satellite, disappearance; Jan. 29, 4h. 17m. a.m., third satellite, disappearance; Jan. 29, 4h. 17m. a.m., second satellite, reappearance; Jan. 29, 6h. 11m. am., third satellite, reappearance.

FEBRUARY.

THE SUN passes from the sign of Aquarius to that of Pisces at Sh. 19m. a.m. of the 19th. It is situated south of the Equator, and moving northwards.

The MOON is in conjunction with Jupiter at lh. 46m. a.m. of the 2nd; with Venus at 10h. 1m. p.m. of the 4th; with Mars at 11h. 4m. p.m. of the 4th; with Mercury at 6h. 58m. a.m. of the 6th; with Uranus at 3h. 14m. p.m. of the 16th; with Saturn at 0h. 21m. p.m. of the 26th; with Jupiter at 0h. 14m. p.m. of the 29th. It is at its least distance from the Earth at 3h. p.m. of the 7th, and at its greatest distance at 9h. p.m. of the 20th.

Last Constructors at 17 minutes past midnight of Jun 21.

Last Quarter occurs at 17 minutes past midnight of Jan. 31 New Moon 10 6 on the evening of the 6 on the evening of the 7th. 1 on the evening of the 14th. 5 on the evening of the 22nd. ,, First Quarter 24 Fall Moon

OCCULTATIONS OF STARS BY THE MOON.—Feb. 21. Kappa Cancri, 5th magnitude; disappears at 2h. 35m. a.m.; reappears at 3h. 33m. a.m.; angles from vertex, 132 and 257 deg. respectively.

MERCURY arrives at its greatest westerly elongation from the Sun at 11h. 26m. p.m. of the 18th, at which time it will be, as a morning star, best seen. It is in the constellation of Sagittarius at the beginning, and in that of Capricornus at the end, of the month, rising at those times at 6h. 37m. and 7h. 10m. a.m., and setting at 3h. 40m. and 3h. 14m. p.m. respectively. It is stationary at 7h. 10m. p.m. of the 5th, and is near the Moon at 6h. 58m. a.m. of the 6th. of the 6th.

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VENUS is still a morning star, rising at 5h. 17m. a.m. of the 1st, and at 5h. 32m. a.m. of the 29th; and setting at those times at 1h. 25m and 2h. 14m. p.m. respectively. It is in the constellation of Sagittarius at the beginning, in and that of Capricornus at the end, of the month. It is near the Moon at 10h. 1m. p.m. of the 4th, and a little to the north of Mars at 5h. 42m. a.m. of

Mars is only visible in the S.E. in early twilight, rising at 5h. 40m. a.m. of Feb. 1, and at 5h. 7m. a.m. of Feb. 29; and setting at those times at 1h. 20m. p.m. and 1h. 9m. p.m. It is in the constellation of Sagittarius at the beginning, and on the borders of Sagittarius and Capricornus at the end, of the month. It is near the Moon at 11h. 4m. p.m. of the 4th, and near Venus at 5h. 42m. a.m. of the 6th.

SATURN is now visible in the east during the evenings, rising at 10h. 47m. p.m. of Feb. 1, and at 8h. 49m. p.m. of Feb. 29, and setting at those times at 10h. 9m. a.m. and 8h. 17m. a.m. It remains in the constellation of Virgo. It is near the Moon at 0h. 21m. p.m. of the 26th.

URANUS is still visible throughout the evenings and nights in the constellation of Taurus, rising at 0h. 21m. p.m. of the 1st, and at 10h. 30m. a.m.

of the 29th, and setting at those times at 4h. 57m, a.m. and 3h. 6m. a.m. It is near the Moen at 3h. 14m. p.m. of the 16th, and arrives at its stationary point at 4h. 10m. a.m. of the 28th.

JUPITER rises at 2h. 22m. a.m. on Feb. 1, and at 0h. 44m. of Feb. 29, and is JUPITER rises at 2h. 22m. a.m. on Feb. 1, and at 0h. 44m. of Feb. 29, and is visible low down in the S. and S.E. before sunrise. It sets at those times at 11h. 16m. a.m. and 9h. 32m. a.m. It remains in the constellation of Libra throughout the month. It is near the Moon at 1h. 46m. a.m. of Feb. 2; is in quadrature with the Sun at 9h. 20m. p.m. of the 15th, and again near the Moon at 0h. 14m. p.m. of the 29th.

ECLIPSES OF JUPITER'S SATELLITES.—Feb. 4, 6h. 39m. a.m., first satellite, disappearance; Feb. 5, 5h. 10m. a.m., second satellite, disappearance; Feb. 13, 3h. 1m. a.m., first satellite, disappearance; Feb. 20, 4h. 54m. a.m., first satellite, disappearance

THE SUN is situated south of the Equator, and in the sign of Pisces until 8h, 10m, a.m. of the 20th, when it passes into the sign of Aries, and is then north of the Equator.

north of the Equator.

The MOON is in conjunction with Mars at 8h. 53m, p.m. of the 4th; with Venus at 8h. 27m, p.m. of the 5th; with Mercury at 7h. 2m. p.m. of the 6th; with Uranus at 10h. 26m, p.m. of the 14th; with Saturn at 2h. 2m. p.m. of the 24th; and with Jupiter at 5h. 32m, p.m. of the 27th. It is nearest the earth at 2h, a.m. of the 19th.

Last Quarter occurs at 12 minutes past 1 on the afternoon of the 1st.

New Moon , 59 , 3 on the morning of the 8th.

First Quarter , 7 , 6 on the morning of the 15th.

Full Moon , 24 , 10 on the morning of the 13rd.

Last Quarter , 20 , 10 on the evening of the 23rd.

CCCULTATIONS OF STARS BY THE MOON.—March 1, Omega Ophiuchi, 5th magnitude; disappears at 6h. 19m. a.m.; reappears at 7h, 33m.; angles from vertex 78 and 301 deg_respectively. March 3, 21 Sagittarii, 5th magnitude; disappears at 3h. 46m.

from veitex 78 and 301 de disappears at 3h. 46m. a.m.; reappears at 4h. 21m. a.m.; angles from vertex 117 and 185 deg. respectively. March 28, Omega Scorpit, 4½ magnitude; disappears at 0h. 3m. a.m.; reappears at 1h. 5m. a.m.; angles from vertex 20 and 260 deg. respectively.

MERCURY is best seen at the beginning of the MERCURY IS DEST SECH
at the beginning of the
month, being near the
Sun, approaching superior conjunction towards the end. It rises
at [61. 10m. a.m. of the
1st, and at 5h. 44m. a.m.
of the 31st, setting at
those times at 3h. 15m.
p.m., and 6h. 10m. p.m.
respectively. It is in
the constellation of
Capricornus at the beginning, and in that of
Pisces at the end, of the
month. It is near the
Moon at 7h. 2m. p.m. of
the 6th, and very close
to Iota Aquarii (one
minute in time west) at
2h. 30m. a.m. of the 5th.
VENUS is still the

minute in time west) at 2h, 30m. a.m. of the 8th.

VENUS is still the morning star, but from twilight and its own faintness is not a conspicuous object. It rises at 5h. 34m. a.m. of March 1, and at 5h. a.m. of March 1, and at 5h. a.m. of March 1, and at 5h. a.m. of the 31st, setting at those times at 2h. 16m. and 3h. 43m. p.m. It is stinated in the constellation of Capricornus at the end, of the month. It is near the Moon at 8h. 27m. p.m. of the 5th, and ory close to Mu Capricorni on the morning of the 16th, being directly south of that star at 4h. 35m. a.m., and directly east at 5h. 42m. a.m.

MARS is almost invisible in the morning twilight. It rises at 5h. 7m. a.m. of March 1, and at 4h. 9m. a.m. of March 3l, setting at those times at 1h. 9m. p.m. and 1h. 15m. p.m. respectively. It is situated on the borders of the constellations of Sagittarius and Capricornus on March 1, and in Capricornus on March 31. It is near the Moon at 8h. 53m. p.m. of the 24th, being at the former time directly west and at the latter directly north of that star.

JUPITER rises at 0h. 40m. a.m. of the 1st, and at 10h. 36m. p.m. of the 31st, setting at those times at 9h. 28m. a.m. and 7h. 30m. a.m. It is in the constellation of Libra throughout the month. It arrives at its stationary point at 0h. 28m. p.m. of the 31st, and is near the Moon at 3h. 2m. p.m. of the 1st, and at 6h. 35m. p.m. of the 31st, and setting at 8h. 45m. p.m. of the 1st, and at 6h. 35m. p.m. of the 24th.

URANUS is still visible in the constellation of Taurus, rising at 10h. 26m. a.m. of the 1st, and at 8h. 29m. a.m. of the 31st, setting at those times at 9h. 29m. a.m. of the 31st, setting at those times at 9h. 29m. a.m. of the 31st, setting at 10h. 26m. a.m. of the 1st, and at 8h. 29m. a.m. of the 31st, setting at those times at 9h. 29m. a.m. of the 31st, setting at 10h. 26m. a.m. of the 1st, and at 8h. 29m. a.m. of the 31st, setting at those times at 9h. 29m. a.m. of the 31st, setting at 10h. 26m. a.m. of the 1st, and at 8h. 29m. a.m. of the 31st, setting at 10h.

near the Moon at 3h. 2m. p.m. of the 24th.

URANUS is still visible in the constellation of Taurus, rising at 10h. 26m. a.m. of the 1st, and at 8h. 29m. a.m. of the 3lst, setting at those times at 3h. 2m. and 1h. 5m. a.m. respectively. It arrives in quadrature with the Sun at 10h. 13m. a.m. of the 11th, and is near the Moon at 10h. 26m. p.m. of the 14th.

ECLIPSES OF JUPITER'S SATELLITES.—March 1, 2h. 5m. a.m., second satellite, disappearance; March 1, 4h. 20m. a.m., second satellite, reappearance; March 1, th. 59m. a.m., first satellite, disappearance; March 8, 4h. 38m. a.m., second satellite, disappearance; March 5h. 3m. a.m., first satellite, disappearance; March 1, 4h. 2m. a.m., third satellite, disappearance; March 1, 4h. 2m. a.m., first satellite, disappearance; March 23, 1h. 25m. a.m., first satellite, disappearance; March 30, 3h. 18m. a.m., first satellite, disappearance.

APRIL.

THE SUN is north of the Equator and in the sign of Aries until Sh. 14m. p.m. of the 19th, when it passes into that of Taurus.

The MOON is in conjunction with Mars at 5h. 57m. p.m. of the 2nd; with

Venus at 5h. 53m. p.m. of the 4th; with Mercury at 10h. 4m. p.m. of the 6th; with Uranus at 8h. 22m. a.m. of the 11th; with Saturn at 6h. 27m. p.m. of the 20th; and with Jupiter at 7h. 48m. p.m. of the 23rd. It is at its least distance from the Earth at 6h. a.m. of the 4th, and at its greatest distance at 2h. a.m.

New Moon occurs at 49 minutes past 1 on the afternoon of the 6th.

First Quarter ,, 9 ,, midnight of the 13th.

Full Moon ,, 19 ,, 1 on the morning of the 22nd.

Last Quarter ,, 34 ,, 4 on the morning of the 29th.

OCCULTATIONS OF STARS BY THE MOON.—A near approach of Chi Orionis

OCCULTATIONS OF STAIRS BY THE MOON.—A near approach of Chi Orionis at 0h. 35m. a.m. of the 12th.

MERCURY is best visible as an evening star at the end of the month. It rises on April 1 at 5h. 45m. a.m., and on April 30 at 5h. 5m. a.m., setting at those times at 6h. 7m. and 9h. 35m. p.m. respectively. It is in the constellation of Pisces at the beginning, and in that of Taurus at the end, of the month. It is in superior conjunction with the Sun at 5h. 36m. p.m. of the 3rd; is close to the Moon at 10h. 4m. p.m. of the 6th; is at its shortest distance from the Sun at 1h. 2m. a.m. of the 14th, and at its greatest easterly clongation at 10h. 10m. a.m. of the 30th.

VENUS is heally eithered for observation, rising at 4h. 59m. a.m. of the 1st.

VENUS is badly situated for observation, rising at 4h. 59m. a.m. of the 1st, and at 4h. 6m. a.m. of the 30th, and setting at those times at 3h. 45m. and 5h. 10m. p.m. respectively. It is situated in the constellation of Aquarius at the beginning, and in that of Pisces at the end, of the month. It is near the Moon at 5h. 55m. p.m. of the 4th, and is at its greatest distance from the Sun at 11h. 29m. a.m. of the 5th.

17m. a.m. of the 23rd. VIDITER is now visible during the night, rising at 10h. 32m. p.m. of the 1st, and at Sh. 23m. p.m. of the 3oth. It sets at 7h. 26m. a.m. at those dates respectively. It is situated in the constellation of Libra throughout the month. It is near the Moon at 7h. 48m. p.m. of the 23rd. 7h. 4

23rd.

SATURN arrives in opposition to the Sun at 6h. Sm. a.m. of April 4, and is consequently at its brightest point and a conspicuous planetary object throughout the night. It rises at 6h. 31m. p.m. of the 1st, and at 4h. 25m. p.m. of h. 9m. a.m. respectively, h. 9m. a.m. respectively.

he Moon at 6h. 58m. p.m. of the 4th, and is at its greatest distance from the sin at 11h. 29m. a.m. of the 5th.

MARS is in the constellation of Capricornus at the beginning, and in that of Aquarius at the end, of the month. It rises at 4h. 9m. a.m. of the 1st, and at 2h. 57m. a.m. of the 30th, setting at those times at 1h. 15m. p.m. and 1h. 27m. p.m. pr. espectively. It is near the Moon at 5h. 57m. p.m. of the 2nd; is nine minutes in time to the west of lota Aquarii at 8h. 38m. p.m. of the 10th; is eight minutes and a half to the east of Mu Capricorni at 6h. 5m. a.m. of the 12th, and three minutes to the east of Sigma Aquarii at 7h. 17m. a.m. of the 23rd.

JUPITER is now v.10 Nov.20 Nov.10 0

and at 4h, 25m, p.m. of the 30th, setting at those times at 6h. 7m. a.m. and 4h. 9m. a.m. respectively. It remains in the constellation of Virgo during the month, and is near the Moon at 6h. 27m. p.m. of the 20th.

URANUS is still visible in the north-west, in the constellation of Taurus. It rises at 8h. 25m. a.m. of the 1st, and at 6h. 36m. a.m. of the 30th, setting at those times at 1h. 1m. a.m. and at 11h. 10m. p.m. respectively. It is near the Moon at 8h. 22m. a.m. of the 11th.

Moon at 8h. 22m, a.m. of the 11th.

ECLIPSES OF JUPITER'S SATELLITES.—April 2, 1h. 35m. a.m., second satellite, disappearance; April 7, 11h. 40m. p.m., first satellite, disappearance; April 9, 4h. 9m. a.m., second satellite, disappearance; April 15, 1h. 34m. a.m., first satellite, disappearance; April 16, 11h. 52m. p.m., third satellite, disappearance; April 17, 1h. 45m. a.m., third satellite, disappearance; April 24, 3h. 50m. a.m., third satellite, disappearance; April 24, 3h. 50m. a.m., third satellite, disappearance; April 26, 10h. 35m. p.m., second satellite, disappearance; April 30, 11h. 50m. p.m., first satellite, disappearance.

MAY.

THE SUN is north of the Equator and in the sign of Taurus until Sh. 19m. p.m. of the 20th, when it passes into the sign of Gemini.

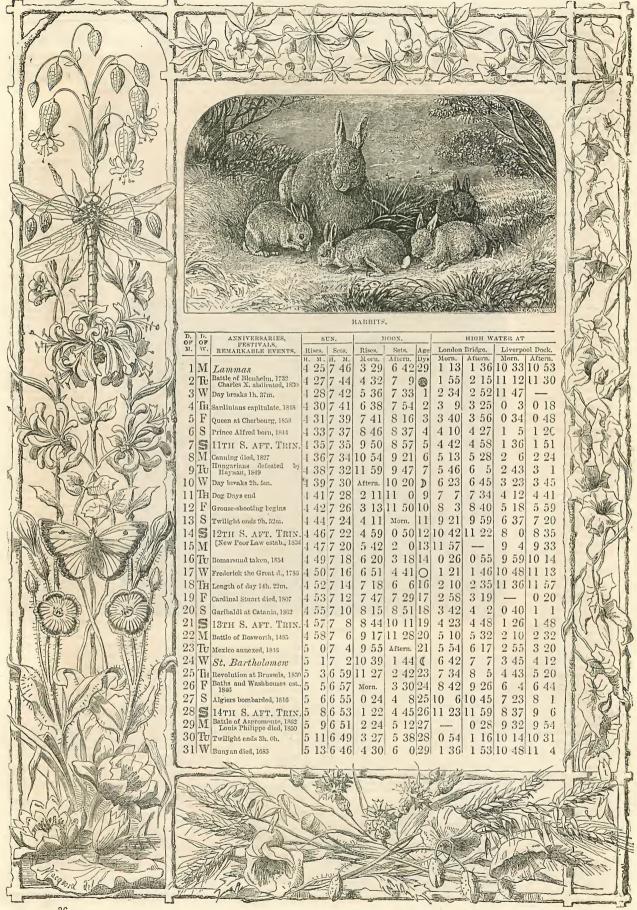
The MOON is in conjunction with Mars at 1h. 30m. p.m. of the 1st; with Yenus at 1h. 24m. p.m. of the 4th; with Mercury at 10h. 54m. a.m. of the 7th; with Uranus at 7h. 51m. p.m. of the 8th; with Saturn at 11h. 51m. p.m. of the 17th; with Jupiter at 9h. 54m. p.m. of the 20th; and with Mars at 7h. 12m. a.m. of the 30th. It is at its least distance from the Earth at 11h. a.m. of the 1st and at noon of the 26th, and at its greatest distance at 9h. p.m. of the 13th.

New Moon occurs at 14 minutes past midnight of the 5th.

First Quarter "21" 6 on the afternoon of the 18th.

Full Moon "24" 1 to the afternoon of the 21st.

Last Quarter "21" 9 on the morning of the 28th. 1 , 9 on the morning of the 28th. (Continued on page 41.)



A



"INNETS DEFENDING THEIR NEST AGAINST A DORMOUSE." MODELLED IN WAX BY A. CAIN, FROM THE "ILLUSTRATED LONDON NEWS."

FRESH-WATER FISHES IN THEIR SEASON.

JULY AND AUGUST.

THE accompanying seene will be at once recognised by our home anglers—it is Teddington Lock, on the Thames. We have been talking grandly about highland streams and northern lochs, but the river scenery of England is, in its way, equally beautiful, and no river is more charming than the Thames. It is a classic stream, and its praises have been sung by the poets and celebrated by the historian. After Mrs. S. C. Hall and Thorne, it were vain to repeat its review.

by the historian. After Mrs. S. C. Hall and Thorne, it were vain to repeat its praises:

Glide gently, thus for ever glide,
O Thannes! that anglers all may see
As lovely visions by thy size,
As now, für river, come to me,
Oh, glide, fair stream, for ever so
Thy quiet soul on all bestowing,
Till all our minds for ever flow
As thy deep waters are now flowing.

The Thames takes its rise in Gloucestershive, about three miles from the town of Circnester; and at that place, and for some miles of its course, it is known as the I-is, and not till the waters of the Thame join it in Oxfordshire is it known as the Thames. This celebrated river is small at first, and flows through some beautiful scenery and highly-cultivated country; its banks are studded with castles and palaces, beautiful towns, and snug villages; while well-stored gardens and cultivated fields give smiling evidence of plenty all along its course. When we consider that the Thames flows past Windsoy, Hampton Court, and Riehmond, that it laves the grassy lawns of Twickenham, waters the gardens of Kew, and that it bears upon its bosom the gigantic commerce of London, we can at once realise its importance, and can understand its being called the King of British rivers, although it is neither so long, nor does it contain so voluminous a body of water, as some other of our British streams. The total length of the River Thames is 215 miles, and the area of the country it waters is 6160 square miles. It has as affluents a great many fine streams, including the River Lodden, as also the Wey and the Mole. We are not entitled to consider it here in its picturesque aspects—our business with it is piscatorial, and we are able to certify that it is rich in fishes of a certain kind—

The bright-eyed perch with fins of Tyrian cye,

The bright-eyed perch with fins of Tyrian cyc, The silver cel in shining volumes rolled, The yellow carp in scales bedropp'd with gold, Swift trout diversifed with crimson stains, And pike, the tyrants of the watery plains.

The yellow carp in scales bedropp'd with gold,
Swift trout diversified with crimson stains,
Considering that all its best fishing points are accessible to an immense population, many of whom are afflicted with a mania for augling, it is quite wonderful that there is a single fish of any description left in it; and yet, but a year or two ago, the "pen of the war" bagged a seven-pound trout near Walton Bridge! We may be allowed just to run over a few Thames localities, and note what fish may be taken at them. Above Teddington at different places an cecasional trout may be pulled out, but, although the finest trout in the world may be got in the Thames, they are, unfortunately, so scarce in the meantime, that it is hardly worth while to lose one's time in the all but vain endeavour to lare them from their home. Pike fishing or trolling will reward the Thames angler better than trouting. There are famous pike to be taken every here and there—in the deep pools and at the weirs, and, as the fish is voracious, a moderately good angler, with proper bait, is likely to have some sport with this fish. But the speciality of the Thames, so far, at least, as most anglers are concerned, is the quantity of fishes of the carp kind which it contains, as also perch. This latter fish may be taken with great certainty about Maidenhead, Cookham, Pangbourne, Walton, Labham, and Wallingford Road; and a kindred fish, the pope, in great plenty, may be sought for in the same localities. Then the bearded barbel is found in greater plenty in the Thames than anywhere else, and, as it is a fish of some size and of great courage, itaffords fair sport to the angler. Walton, Labham, and Wallingford Road; and a kindred fish, the pope, in great plenty, may be sought for in the same localities. Then the bearded barbel is found in greater plenty in the Thames angler.

We have a sund of great courage, itaffords fair sport to the angler. Walton barbel is with the "Ledger" (see the "Thames Angler, by Arthur Smith"), and the best places for this kind o

With hurried steps
The anxious angler paces on, nor looks aside,
Lest some brother of the angle, ere he arrive,
Possess his favourite swim.

Possess his favourite swim.

In our division for September and October the reader will find a few words about the natural history of the carp family, which is a numerous one, and, if not so interesting as the Salmoniadæ, it deserves some consideration in an economical point of view.

Dr. Buckland, in a recent lecture on fish-hatching, told us what had been achieved on the Thames in respect of adding to its finny population; and who knows, when we subtract the sewage of the great city from the river, but that we may again be able to feast on that inimitable fish luxury, the Thames salmon—an impossibility, we should fancy, in the present polluted state of the river. The Doctor's figures as to fish turned into that river last year are as follows:—

Rhine salmon English trout 6.000 22,000 2,000 French trout . . Ombre chevalier ... Grayling ... 3,000 2,000 Total 35 000

These fish were hatched at Hampton, near Hampton Court, in two sets of boxes erected in the greenhouse of Stephen Ponder, Esq., and the experiment has proved so successful, as to induce a belief that we shall one day have back in the Thames the famous salmon for which it was once so celebrated! We are not sanguine as to this. Salmo Salar must visit the sea, and, how it is ever to go and return through the liquid filth of London is a puzzle that we cannot solve. When London is properly drained and the sewage not sent into the river, it will be time enough to hope for the success of such an experiment.

in the Thames the famous salmon for which it was one so celebrated! We are not samptine as to this. Solmo Scient must visit the sea, and, how it is ever to go and return through the liquid fillih of London is a puzzle that we cannot solve. When London is uporphy drained and the sewage not sent experiment.

In this chapter, before going further, we intend to say a few words about the gastronomy of fish. It is quite possible to have one's fish cooked by the river silet; and, as we have been dwelling on river senery, rothing will be river silet; and, as we have been dwelling on river senery, rothing will be river silet, and, as we have been dwelling on river senery, rothing will be its triped, over a brisk fire of turt or drift wood gathered on the river's bank. A picnic of shele's camp is nothing without its living fire for tear or toddy. Long ago the Lordor I Lova used to cook a kettle of salmon at the river's bank. A picnic of shele's camp is nothing without its living fire for tear or toddy. Long ago the Lordor I Lova used to cook a kettle of salmon on the river's bank. A picnic of shele of the shell of t

OCCULTATIONS OF STARS BY THE MOON.—May 1, Kappa Aquarii disappears at 3h. 3lm. a.m.; reappears at 4h. 33m. a.m.; angles from vertex 89 and 250 deg.; May 23, 21 Sagittarii, disappears at 9h. 46m. p.m.; reappears at 10h. 45m. p.m.; angles from vertex 34 and 263 deg. respectively.

10h. 45m. p.m.; angles from vertex 34 and 263 deg. respectively.

MERCURY is best seen at the beginning of the month during the evenings, and is but indifferently seen at the end of the month. It rises at 5h. 4m. a.m. on May 1, and at 3h. 40m. a.m. of May 31, setting at those times respectively at 9h. 34m. p.m. and 6h. 44m. p.m. It is situated in the constellation of Taurus at the beginning and end of the month. It is near the Moon at 10h. 54m. a.m. of May 7; arrives at its stationary point at 10h. 8m. a.m. of the 12th; is in inferior conjunction with the Sun at 10h. a.m. of the 23rd; and at its greatest distance from the Sun at 0h. 41m. a.m. of the 23rd; and at its greatest distance from the Sun at 0h. 41m. a.m. of the 28rd; and at its greatest the Sun. It is in the constellation of Pisces at the beginning, and in that of Taurus at the end, of the month. It rises at 4h. 6m. a.m. of the 1st, and at 3h. 21m. a.m. of the 31st, setting at those times at 5h. 12m. and 6h. 45m. p.m. respectively. It is near the Moon at 1h. 24m. p.m. of the 4th.

MARS is also very unfavourably situated for observation. It rises at 2h. 56m. a.m. of the 1st, and at 1h. 26m. a.m. of the 31st, setting at those times at 1h. 26m. p.m. respectively. It is in the constellation of Aquarius at the beginning, and in that of Pisces at the end, of the month. It is near the Moon at 1h. 36m. p.m. respectively. It is in the constellation of Aquarius at the beginning, and in that of Pisces at the end, of the month. It is near the Moon at 1h. 30m. p.m. of the 1st. and 7h. 12m. a.m. of the 30th, and 6½ min. east of Pih Aquarii at 1h. 43m. p.m. of the 9th.

JUPITER is now at its most brilliant aspect, arriving in opposition to the

JUPITER is now at its most brilliant aspect, arriving in opposition to the Sun at 6h. 46m. a.m. of the 13th. It is, however, from its low south declination, but unfavourably situated for delicate observations. It is situated in the constellation of Libra, and visible throughout the night. It rises at 8h. 19m. p.m. of May 1, and at 6h. p.m. of the 31st, setting at those times at 5h. 21m. a.m. and 3h. 15m. a.m. respectively. It is near the Moon at 9h. 54m. pm of the 20th p.m. of the 20th.

SATURN is visible in the constellation of Virgo throught the evenings,

rising at 4h. 21m. p.m. of the 1st and at 2h. 16m. p.m. of the 31st, and not setting mutil 4h. 5m. a.m. and 2h. 4m. a.m. respectively. It is near the Moon at 1h. 51m. p.m. of the 17th.

at In. 51m. p.m. of the 17th.

URANUS sets at 11h. 6m. p.m. of the 1st and at 9h. 15m. p.m. of the 31st, so is almost invisible. It rises at 6h. 32m. a.m. and 4h. 41m. a.m. respectively at those times. It is near the Moon at 7h. 51m. p.m. of the 8th.

ECLIPSES OF JUPITER'S SATELLITES.—May 4, 1h. 9m. a.m., second satellite, disappearance; May 17, 0h. 14m. a.m., first satellite, reappearance; May 21, 9h. 52m. p.m., second satellite, reappearance; May 22, 9h. 37m. p.m., third satellite, reappearance; May 29, 0h. 28m. a.m., second satellite, reappearance; May 29, 0h. 28m. a.m., second satellite, reappearance; May 29, 0h. 28m. a.m., third satellite, reappearance.

JUNE.

THE SUN is in the sign of Gemini until 4h, 52m, a.m. of the 21st, when it passes into that of Caneer, and the summer quarter commences.

passes into that of Caneer, and the summer quarter commences.

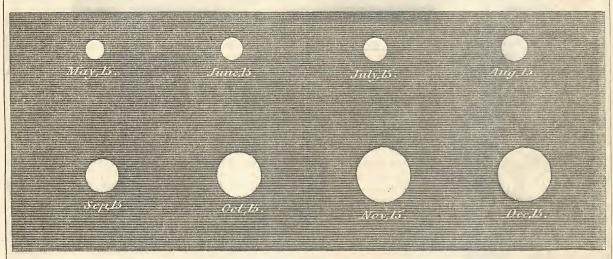
The Moon is in conjunction with Mercury at 7h. 28m. a.m. of the 3rd; with Venus at 11h. 7m. a.m. of the same day; with Uranus at 7h. 14m. a.m. of the 5th; with Saturn at 7h. 20m. a.m. of the 14th; with Jupiter at 2h. 6m. a.m. of the 17th; and with Mars at 11h. 13m. p.m. of the 27th. It is at its greatest distance from the Earth at 3h. p.m. of the 10th, and at its least distance at 1h. p.m. of the 22nd.

New Moon occurs at 40 minutes past 11 on the morning of the 4th. First Quarter , 48 , 11 on the morning of the 12th. In 10 on the afternoon of the 19th.

Last Quarter , 15 , 2 on the afternoon of the 26th.

OCCULATIONS OF STANS BY THE MOON — INCONCESSONII 44

New Moon occurs at 40 minutes past 11 on the morning of the 4th. First Quarter , 48 , 11 on the morning of the 12th. Full Moon , 54 , 10 on the afternoon of the 19th. Last Quarter , 15 , 2 on the afternoon of the 26th. OCCULTATIONS OF STARS BY THE MOON.—June 18, Omega Scorpii, 4½ magnitude; disappears at 0h. 27m. a.m.; reappears at 1h. 34m. a.m.; angles from vertex 87 and 316 deg. respectively. June 20, 15 Sagittarii, 5th magnitude; disappears at 4h. 10m. a.m.; reappears at 5h. 4m. a.m.; angles from vertex 106 and 346 deg. respectively. June 27, Delta Piscium, 4½ magnitude;



RELATIVE DIMENSIONS OF THE DISC OF MARS, 1864.

disappears at 1h. 40m. a.m.; reappears at 2h. 40m. a.m.; angles from vertex | 89 and 244 deg. respectively.

MERCURY is best seen towards the middle of the month as the morning star. It is in the constellation of Taurus throughout the month. It rises at 3h. 35m. a.m. of June 1, and 2h. 40m. a.m. of June 30, setting at 6h. 39m. and 6h. 50m. p.m. respectively. It is near Venus at 10h. 30m. p.m. of the 1st; near the Moon at 7h. 28m. a.m. of the 3rd; is stationary at 1h. 28m. p.m. of the 4th; is near Delta Tauri at 1h. 25m. p.m. of the 16th, and near Epsilon Tauri at 6h. 3m. p.m. of the 21st. It arrives at its greatest westerly elongation at 3h. 13m. a.m. of the 18th.

VENUS is badly seen. It is in the constellation of Taurus at the beginning, and in that of Gemini at the end, of the month. It rises at 3h. 19m. a.m. of June 1, and at 3h. 22m. a.m. of June 30, setting respectively at 6h. 48m. p.m. and 8h. p.m. It is near Mereury at 10h. 30m. p.m. of the 1st, near the Moon at 11h. 7m. a.m. of the 3rd, and near Uranus at 8h. p.m. of

MARS is on the borders of the constellations of Pisces and Cetus on the 1st MARS is on the borders of the constellations of Fisces and detus on the 1st of June, and in that of Fisces at the end of the month. It is now becoming visible shortly after midnight, and is situated north of the Equator. It rises at th. 35m. a.m. of June 1, and at 0h. 14m. a.m. of the 30th; setting at those times at th. 35m. p.m. and th. 39m. p.m. It is at its shortest distance from the Sun at 9h. 52m. p.m. of the 21st, and is near the Moon at 11h. 13m. p.m. of

JUPITER is visible throughout the night in the constellation of Libra. It rises at 5h, 55m, p.m. of June 1 and at 3h, 50m, p.m. of the 30th, setting at those times at 3h, 10m, a.m. and 1h, 9m, a.m. respectively. It is near the Moon at 2h, 6m, a.m. of the 17th.

SATURN is also visible, setting at 2h. a.m. of the 1st and at midnight of the 30th, and rising at those times at 2h. 12m. p.m. and 0h. 19m, p.m. respectively. It is in the constellation of Virgo. It arrives at its stationary point at 1h. p.m. of the 14th, and is near the Moon at 7h. 20m. a.m. of the 14th.

URANUS is now too close to the sun to be seen, arriving in conjunction at 6h, a.m. of the 16th. It is near the moon at 7h. 24m. a.m. of the 5th. It is sea at 4h. 37m. a.m. of the 1st and at 2h. 51m. a.m. of the 30th, setting at 9h. 11 m, and 7h. 25m. p.m. respectively. It is situated in the constellation of

ECLIPSES OF JUPITER'S SATELLITES.—June 1, 10h. 31m. p.m., first satellite, reappearance; June 9, 0h. 26m. a.m., first satellite, reappearance;

June 22, 9h. 35m. p.m., second satellite, reappearance; June 24, 10h. 43m p.m., first satellite, reappearance.

JULY.

THE SUN is in the sign of Cancer until 3h. 50m. p.m. of July 22, when it passes into that of Leo. It remains north of the Equator during this month. It is at its greatest distance from the Earth at 5h. 36m. p.m. of the 11th.

The Moon is in conjunction with Merceury at 2h. 20m. p.m. of the 2nd; with Uranus at 5h. 27m. p.m. of the same day; with Venus at 4h. 21m. p.m. of the 3rd; with Saturn at 4h. 21m. p.m. of the 11th; with Jupiter at 9h. 16m. a.m. of the 14th; with Mars at 1h. 40m. p.m. of the 26th, and with Uranus at 2h. 14m. a.m. of the 30th. It is at its greatest distance from the Earth at 8h. a.m. of the 8th, and at its least distance at 2h. p.m. of the 20th.

th at 8h. a.m. of the 8th, and at its least distance at 2h. p.m. of the New Moon occurs at 24 minutes past midnight of July 3. First Quarter ", 51 ", 3 on the morning of the 12th. Full Moon ", 36 ", 6 on the morning of the 19th. Last Quarter ", 46 ", 8 on the evening of the 25th.

New Moon occurs at 24 minutes past midnight of July 3.

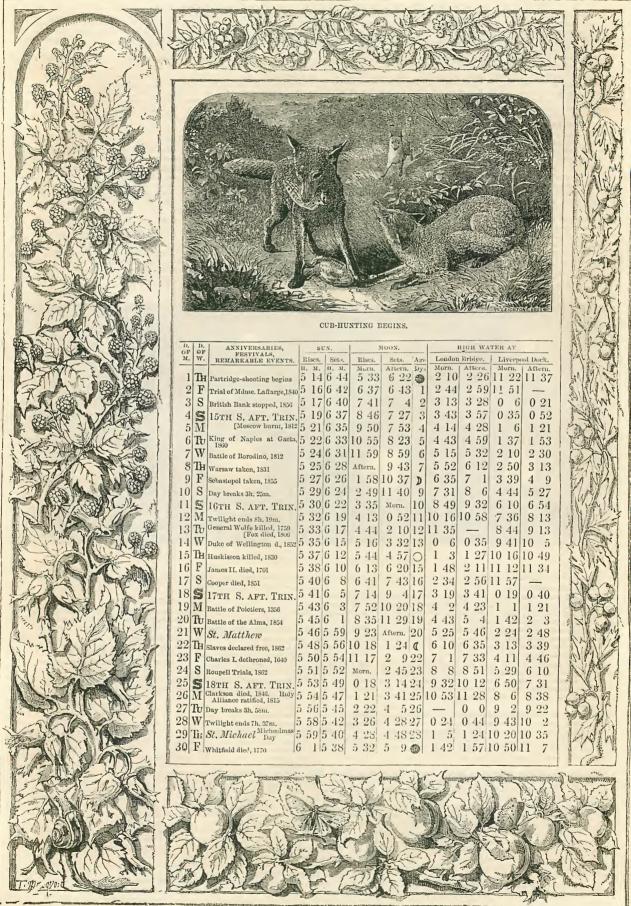
First Quarter , 51 , 3 on the morning of the 12th.
Full Moon , 36 , 6 on the morning of the 19th.
Last Quarter ,, 46 ,, 8 on the evening of the 19th.
Last Quarter ,, 46 ,, 8 on the evening of the 25th.
OCCULTATIONS OF STARS BY THE MOON.—July 1, Epsilon Tauri, of 34 magnitude; disappears at 3h. 14m. a. m.; reappears at 3h. 50m. a.m.; angles from vertex, 26 and 276 deg. respectively. July 14, Kappa Libræ, of 5th magnitude; disappears at 11h. 49m. p.m.; reappears at 55 minutes after midnight; angles from vertex, 119 and 301 deg. respectively. July 23, Lambda Piscium, of 5th magnitude; disappears at 3h. 49m. a.m.; reappears at 4h. 26m. a.m.; angles from vertex, 173 and 255 deg. respectively.

MERCURY will be indifferently seen during the month, as it arrives in superior conjunction with the Sun on July 17, at 11h. 12m. a.m. It is in the constellation of Taurus at the beginning, and in that of Leo at the end, of the month. It rises on July 1 at 2h. 44m. a.m., and on July 31 at 5h. 40m. a.m., setting at those times at 6h. 54m. p.m. and S.m. p.m. respectively. It is near the Moon at 2h. 20m. p.m. of July 2; near Ummus at 0h. 17m. p.m. of July 3; at its shortest distance from the Sun at 0h. 19m. a.m. of the 11th, and near Venus at 0h. 52m. a.m. of the 17th.

VENUS is scarcely visible this month from its proximity to the Sun, with

VENUS is scarcely visible this month from its proximity to the Sun, with which it arrives in superior conjunction at 11h. 9m. a.m. of the 18th. It is in the constellation of Gemini at the beginning, and on the borders of Cancer and Leo at the end, of the month. It rises on July 1 at 5h. 24m. a.m. and on July 31 at 4h. 40m. a.m., setting at those times at 8h. 2m, p.m. and 8h. 4m. p.m.

(Continued on page 44.)



THE ILLUSTRATED LONDON ALMANACK FOR 1864. "THE FLYFISHER," BY W. HUNT.—FROM "THE ILLUSTRATED LONDON NEWS." W.THOMAS.S.

respectively. It is near the Moon on July 3 at 4h. 21m, p.m.; near Mercury at 0h. 52m. of the 17th, and at its shortest distance from the Sun at 7h. p.m. of the 26th.

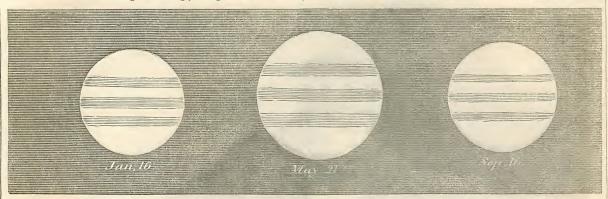
MARS is now dimly visible in the east, rising on July 1 at 0h. 14m. a.m., and on July 3t at 10h. 53m. p.m., setting at those times at 1h. 38m. and 1h. 34m. p.m. respectively. It is in the constellation of Pisces at the beginning, and in that of Arics at the end, of the month. It is three and a half minutes of time to the east of Omicron Piscium at 8h. 58m. p.m. of July 3, and near the Moon at 1h. 40m. p.m. of the 26th.

JUPITER is still visible during the evenings, setting at 1h. 5m. a.m. on

July 1, and at 11h. 3m. p.m. of the 31st. It rises at those times at 3h. 45m. p.m. and 1h. 47m. p.m. respectively, and continues in the constellation of Libra. It is near the Moon at 9h. 16m. a.m. of the 14th, and arrives at its stationary point at 6h. 15m. a.m. of the 15th.

SATURN is also visible, but fast disappearing from view, setting at 11h. 57m. p.m. of July 1 and at 10h. 2m. p.m. of the 31st. It rises at those times at 0h. 15m. p.m. and 10h. 26m. a.m. respectively, and still continues in the constellation of Virgo. It arrives at quadrature at 9h. 55m. a.m. of the 3rd, and is near the Moon at 4h. 21m. p.m. of the 11th.

URANUS is now invisible, rising at 2h. 47m. a.m. and 0h. 55m. a.m. and



DIMENSIONS OF JUPITER'S DISC. 1864.

setting at 7h, 2im, and 5h, 53m, p.m. respectively on July 1 and 31. It continues in the constellation of Taurus throughout the month. It is near the Moon at 5h, 27m, p.m. of the 2nd, and again at 2h, 14m, a.m. of the 30th,

ECLIPSES OF JUPITER'S SATELLITES.—July 4, 9h., 30m. p.m., third satellite, reappearance; July 24, 9h. 22m. p.m., second satellite, reappearance; July 31, 9h. 43m. p.m., second satellite, disappearance.

AUGUST.

THE SUN remains in the sign of Leo until 10h. 28m. p.m. of August 28, when it passes into that of Virgo. It is north of the Equator throughout this month.

The Moon is in conjunction with Venus at 4h. 18m. a.m. of the 3rd; with Mercury at 9h. 46m. a.m of the 4th; with Saturn at 2h. 21m. a.m. of the 8th; with Jupiter at 7h. 8m. p.m. of the 10th; with Mars at 1h. 53m. a.m. of the 24th, and with Uranus at 10h. 6m. a.m. of the 26th. It is at its greatest distance from the Earth at 8h. p.m. of the 4th, and at midnight of the 31st, and at its least distance at 10h. p.m. of the 17th.

New Moon occurs at 34 minutes past 2 on the afternoon of the 2nd. First Quarter , 57 , 5 on the afternoon of the 10th. Full Moon , 37 ,, 1 on the afternoon of the 17th. Last Quarter , 4 ,, 6 on the morning of the 24th.

OCCULTATIONS OF STARS BY THE MOON,-No occultations of bright stars

this month.

MERCURY is best seen as the evening star at the latter end of the month, arriving at its greatest easterly elongation at 10h, 22m, a.m. of the 28th. it rises at 5h, 49m, a.m. of the 1st, and at 7h, 53m, a.m. of the 81st; setting at 8h, 29m, p.m. and 7h. 15m, p.m. respectively at those times. It is in the constellation of Leo at the beginning, and in that of Virgo at the end, of the month. It is near the Moon at 9h, 46m, a.m. of the 4th; eight minutes (in time) direct east of Regulus at 11h, 16m, a.m. of the 4th, and about the same quantity east of Rho Leonis at 5h, 41m, a.m. of the 8th, and is at its greatest distance from the Sun at 11h, 56m, p.m. of the 23rd.

VENUS is badly situated (from its proximity to the Sun) for observation

this month, and its disc continues very small and almost round. It rises at 40,43 m. a.m., of Ang. 1, and at 60. 19 m. a.m. of Ang. 31, setting at those 61 m., third settance;

Cancer and Leo at the beginning, and in those of Leo and Virgo at the end, of the month. It is near the Moon at 40. 18 m. a.m. of the 3rd.

MARS is becoming a conspicuous object in the east late in the evening. It rises at 100. 52 m. p.m. of the 1st, and at 90. 35 m. p.m. of the 3rd.

28, when constellation of Aries at the beginning, and in that of Taurus at the end, of the month. It arrives at quadrature with the Sun at 7h. 3m. p.m. of the 18th, and is near the Moon at 1h. 53 m. a.m. of the 24th.

Jupiture is fast disappearing from view, settling shortly after twillight ends.

JUPITER is fast disappearing from view, setting shortly after twilight ends. On Aug 1 it sets at 11h. p.m., and on Aug. 31 at 9h. 7m. p.m., rising on the former time at 1h. 44m. p.m., and on the latter at 0h. 3m. p.m. It still remains on the borders of the constellation of Libra. It is near the Moon at 7h. 8m. p.m. of the 10th, and arrives at quadrature with the Sun at 7h. 55m. a.m. of the 11th.

a.m. of the 11th.

SATUR may still be dimly perceived in the west shortly after twilightends.

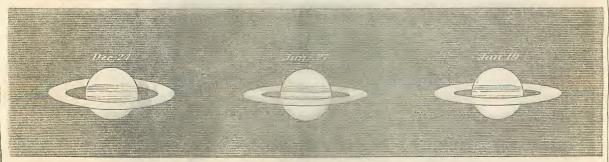
It sets at 9h, 58m. p.m. of Ang. I and at 8h. 5m. p.m. of Aug. 3I, rising at 10h. 22m. a.m. and 8h. 39m. a.m. at those times respectively. It is in the constellation of Virgo. It is near the Moon at 2h. 21m. a.m. of the 8th.

URANUS is now visible in the morning, although not favourably seen. It rises at 0h. 51m. a.m. of Aug. 1 and at 10h. 54m. p.m. of the 31st., setting at the etimes at 5h. 29m. p.m. and 3h. 36m. p.m. respectively. It is near the Moon at 10h. 6m. a.m. of Aug. 26. It is in the constellation of Taurus at the beginning, and in that of Gemini at the oud, of the month.

ECLIPSES OF JUPITER'S SATELLITES.—August 2, 9h. 14m. p.m., first satellite, reappearance.

SEPTEMBER.

THE SUN is north of the Equator and in the sign of Virgo until 7h. 16m. p.m. of Sept 22, when it passes into that of Libra, and the autumn quarter commences. The MOON is in conjunction with Venus at 2h. 47m. p.m. of the 2nd; with



RELATIVE DIMENSIONS OF BALL AND RING OF SATURN, 1864.

Mercury at 9h. 25m. p.m. of the 3rd; with Saturn at 1h. 7m. p.m. of the 4th; with Jupiter at 7h. 11m a.m. of the 7th; with Mars at 9h. 13m. a.m. of the 21st; with Uranus at 5h. 54m. p.m. of the 22nd, and with Mercury at 1h. 3m. a.m. of the 30th. It is a t its least distance from the Earth at 8h. a.m. of the 15th, and at its greatest at 5h. a.m. of the 28th.

New Moon cours at 8 minutes past 6 on the morning of the 1st.

New Moon occurs at 8 minutes past 6 on the morning of the 1st.

First Quarter , 50 ,, 5 on the morning of the 9th.

Paul Moon ,, 9 , 9 on the evening of the 15th.

Last Quarter ,, 54 ,, 6 on the evening of the 2md.

New Moon ,, 43 ,, 10 on the evening of the 30th.

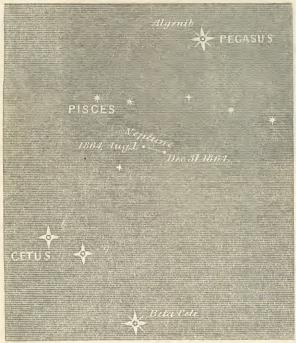
OCCULTATIONS OF STARS BY MOON .- No occultations of bright stars by Moon occur this month.

Moon occur this month.

MERCURY rises at 7h. 55m. a.m. on Sept. 1, and at 4h. 57m. a.m. of the 30th, setting at those times at 7h. 15m. p.m. and 5h. 15m. p.m. respectively. It is in the constellation of Virgo at the beginning, and on the confines of Virgo and Leo at the end, of the month. It is favourably situated for observation throughout the month, and arrives at its inferior conjunction with the Sun at 2h. 51m. a.m. of the 24th. It is near the Moon at 3h. 25m. p.m. of the 3rd; is stationary at 8h. 25m. p.m. of the 10th; near Venus at 4h. 25m. a.m. of the 14th, and near the Moon shortly after midnight of the 29th.

VENUS continues to be badly situated for observation. It rises at 6h. 22m. a.m. of Sept. 1, and at 7h. 53m. a.m. of the 30th, setting at those times at 7h. 14m. p.m. and 6h. 17m. p.m. respectively. It is in Virgo during the month. It is near the Moon at 2h. 47m. p.m. of the 2nd, near Saturn at 6h. 36m. p.m. of the 23rd. and near Mercury at 4h. 25m. a.m. of the 14th.

MARS is becoming brighter, and, rising in the north-east, is a conspicuous object in the nights. It is in the constellation of Taurus throughout the month, and is favourably situated for comparison in colour with the red stars Aldebaran and Alpha Orionis. It rises at 9h. 33m. p.m. on Sept. 1, and at 8h. 10m. p.m. of the 30th, setting at 1h. 11m. p.m. and at 0h. 22m. p.m. respectively. It is near the Moon at 9h. 13m. a.m. of Sept. 21, and about eight minutes (in time) direct west of Iota Tauri at 0h. 17m. a.m. of the 24th.



PATH OF NEPTUNE, 1864,

JUPITER has now disappeared from view, and will only again become visible in the early mornings at the end of the year, and then only for a few minutes. It remains in the constellation of Libra throughout the month. It sets on Sept. 1 at 9h. 3m. p.m., and on the 30th at 7h. 20m. p.m., rising at 11h. 59m. a.m. and 10h. 32m. a.m. respectively. It is near the Moon at 7h. 11m. a.m. of the 7th.

SATURN is also invisible, setting at Sh. 2m. p.m. of the 1st and at 6h. 13m. p.m. of the 30th, and rising at those times at 8h. 36m. a.m. and 7h. 1m. a.m. respectively. It continues in the constellation of Virgo throughout the month. It is near the Moon at 1h. 7m. p.m. of the 4th.

URANUS rises on Sept. 1 at 10h. 50m. p.m., and on Sept. 30 at 8h. 58m. p.m., setting at those dates at 5h. 32m. p.m. and 1h. 40m. p.m. respectively. It is in the constellation of Gemini at present. It is at quadrature with the Sun at 6h. 15m. a.m. of the 22nd, and near the Moon at 5h. 54m. p.m. of the 22nd.

OCTOBER.

OCTOBER.

THE SUN is south of the Equator during this month, and remains in the sign of Libra until 3h.36m. a.m. of the 23rd, when it passes into that of Scorpio.

The MOON is in conjunction with Saturn at 0h. 55m. a.m. of the 2nd; with Venus at 8h. 3m. p.m. of the 2nd; with Jupiter at 9h. 15m. p.m. of the 4th; with Mars at 5h. 56m. a.m. of the 19th; with Uranus at 2h. 12m. a.m. of the 20th; with Saturn at 1h. 55m. p.m. of the 29th, and with Mercary at 2h. 11m. a.m. of the 30th. It is at its least distance from the Earth at 6h. p.m. of the 13th, and at its greatest distance at 6h. p.m. of the 25th.

Eight Counter course at 27 minutes next 2 cm the afterward of the 2th.

First Quarter occurs at 37 minutes past 3 on the afternoon of the 8th. Full Moon "15" (6 on the morning of the 15th. Last Quarter "28" (11 on the morning of the 2nd. New Moon "28" 3 on the afternoon of the 3th.

Last Quarter "28" 11 on the morning of the 22nd. New Moon "28" 3 on the afternoon of the 22nd. New Moon "28" 3 on the afternoon of the 20th. New Moon "58" 3 on the afternoon of the 20th. New Moon "58" 3 on the afternoon of the 20th. New Moon "58" 3 on the afternoon of the 20th. New Moon wertex, 169 and 253 deg. respectively. Oct. 9, Beta Capricorni, of 3rd magnitude; disappears at 3th. 35m. p.m.; reappears at 3th. 5m. p.m.; angles from vertex, 167 and 271 deg. Oct. 14, Epsilon Piscium, of 4th magnitude; disappears at 3th. 55m. p.m.; reappears at 7th. 45m. p.m.; angles from vertex, 40 and 294 deg. respectively.

MERCHY is favourably situated for observation at the beginning of the month, being the morning star, and arriving at tis greatest westerly elongation from inferior conjunction at 2th. 10m. p.m. of the 9th. It passes from the constellation of Lee to that of Virgo in the course of the month. It rises at 4th. 53m. a.m. of Oct. 1, and at 6th. 13m. a.m. of the 31st, setting at those times at 5th. 9m. p.m. and 4th. 31m. p.m. respectively. It is stationary at 10th. 29m. a.m. of the 2nd; arrives at perihelion at 11th. 35m. p.m. of the 6th, and is near the Moon.

VEXUS is now the evening star, but is still badly situated for observation.

VENUS is now the evening star, but is still badly situated for observation, It rises at 7h, 56m, a.m. of the 1st and at 9h, 33m, a.m. of the 31st, setting at 6h, 16m, p.m. and 5h, 36m, p.m. at those times respectively. It passes from

the constellation of Virgo to that of Scorpio during the month. It is near the Moon at 8h, 3m. p.m. of the 2nd; a little to the west of Alpha Libræ at 9h. a.m. of the 12th, and near Jupiter at 8h. 38m. p.m. of the 27th.

MARS is now a conspicuous object in the north-east sky during the nights. It rises at 8h. 9m. p.m. of the 1st and at 6h. 10m. p.m. of the 31st, setting at those times at 6h. 21m. p.m. and 10h. 42m. a.m. respectively. It continues in the constellation of Taurus throughout the mouth. It is near the Moon at 5h. 56m. a.m. of the 19th, and is stationary at 3h. p.m. of the 23rd.

JUPITER is now invisible, from its proximity to the Sun. It is near the Moon at 9h. 15m. p.m. of the 4th, and a little to the west of Beta Scorpii at 6h. 52m. a.m. of the 20th. It rises at 10h. 28m. a.m. of the 1st, and 9h. 4m. p.m. respectively. It is in the constellation of Libra at the beginning, and in that of Ophinchus at the end, of the month.

SATURN is equally invisible. It rises at 6h. 58m. a.m. of the 1st and at 5h.

SATURN is equally invisible. It rises at 6h, 58m, a.m. of the 1st and at 5h. 21m, a.m. of the 31st, setting at those times at 6h, 10m, p.m. and 4h, 19m, p.m. 1t is still in the constellation of Virgo. It is near the Moon at 6h, 55m, a.m. of the 2nd and 1h, 55m, p.m. of the 29th. It is in conjunction with 1b Sun at 3h, 9m, a.m. of the 14th.

URANUS rises at 8h. 54m. p.m. of the 1st, and at 1h. 55m. p.m. of the 31st, seiting at those times at 1h. 36m. p.m. and 11h. 37m. a.m. respectively. It is in the constellation of Gemini. It arrives at its stationary point at midnight of Oct. 4, and is near the Moon at 2h. 12m. a.m. of the 20th.

NOVEMBER.

THE SUN is south of the Equator throughout this month, and remains in the sign of Scorpio until 0h. 16m. of the 22nd, when it passes into that of Sagittarius.

The MOON is in conjunction with Jupiter at 1h. 33m. p.m. of the 1st; with Venus at 11h. 26m. p.m. of the 1st; with Mars at 9h. 23m. a.m. of the 15th; with Uranus at 10h. 39m. a.m. of the 16th; with Saturn at 3h. 46m. a.m. of the 26th; with Jupiter at 8h. 11m. a.m. of the 29th, and with Mercury at 3h. 31m. a.m. of the 30th. It is at its least distance from the Earth at 6h. p.m. of the 10th, and at its greatest at 1h. p.m. of the 22nd.

Hoth, and at its greatest at it. p.m. of the 22nd.

First Quarter occurs at 53 minutes past 11 on the evening of the 6th.

Full Moon 33 , 5 on the evening of the 19th.

Last Quarter 17 , 7 on the morning of the 21st.

New Moon , 17 , 7 on the morning of the 21st.

Last Quarter "17" 7 on the evening of the 19th.

Now Moon "17" 7 on the morning of the 29th.

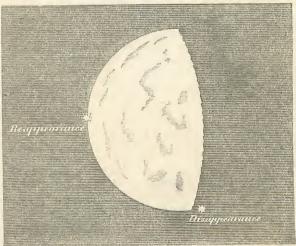
Occultations of Stars by the Moon.—Nov. 19, Kappa Caneri, 5th magnitude; disappears at 11h. 27m. p.m.; reappears at 16 minutes after midnight; angles from vertex, 77 and 178 deg. respectively.

Mencury is in the constellation of Virgo at the beginning, and in that of Ophinchus at the end, of the month. It is badly situated for observation from its proximity to the Sun, arriving in superior conjunction at 7h. 5m. a.m. of the 19th; is near Jupiter at 4h. 49m. a.m. of the 22nd, and near the Moon at 3h. 5fm. a.m. of the 25th. It rises on Nov. 1 at 6h. 17m. a.m., and on the 30th at 8h. 55m. a.m., setting at those times at 4h. 28m. p.m. and 4h. 17m. p.m. respectively.

VEXUS now sets after the Sam in the

VENUS now sets after the Sun in the south-west, and is increasing in brightness. It is in the constellation of Scorpio at the beginning, and in that of Sagittarius at the end, of the month. It rises on Nov. 1 at 9h. 34m. a.m., and 6h. p.m., respectively. It is near the Moon at 11h. 26m. p.m. of the 1st, and in aphelion at 4h. 22m. a.m. of the 16th.

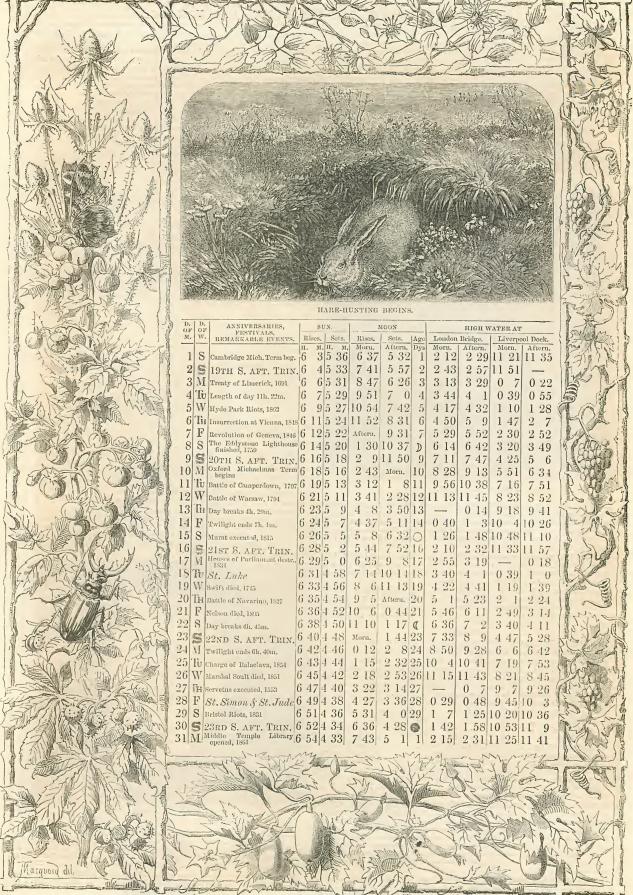
MARS is now a very conspleuous object in the heavens, arriving at its greatest degree of brightness at the end of the month, and being otherwise favourably situated for observation in those latitudes. It still remains in the constellation of Taurus. It rises on Nov. 1at 6h. 6m. a.m., and on the 30th at 3h. 31m. p.m., setting at those times at 10h. 38m. a.m. and 8h. 15m. a.m., thus being visible throughout the long winter evenings and nights. It is near the Moon at 9h. 23m. a.m. of the 15th.



OCCULTATION OF THE STAR BETA CAPRICORNI, OCT. 9, AS SEEN IN AN INVERTING TELESCOPE.

JUPITER is not visible throughout the month, coming in conjunction with the Sun at 7h. 26m. a.m. of the 30th. It is in the constellation of Ophiuchus during the month. It rises on Nov. 1 at 9h. 1m. a.m., and on the 30th at 7h. 42m. a.m., setting at those times at 5h. 31m. p.m. and 3h. 56m. p.m. It is near the Moon at 1h. 33m. p.m. of Nov. 1, and at 8h. 11m. a.m. of the 29th. SATURN becomes visible in the east during the carly mornings at the latter part of the month. It is in the constellation of Virgo. It rises on Nov. 1 at

(Continued on page 51.)





"THE COTTAGE WINDOW," BY G. H. BOUGHTON.—FROM "THE ILLUSTRATED LONDON NEWS."

THERE is in this little picture a charm of simple, unforced naturalness, and a freedom from grimace, affectation, self-consciousness, or effort, really refreshing. The little maiden bends so prettily over her flowers and waters them from the large family jug with such natural solicitude. The outlook from the casement over the green spring crops and the little sentier beyond, is just such

FRESH-WATER FISHES IN THEIR SEASON. SEPTEMBER AND OCTOBER.

FRESH-WATER FISHES IN THEIR SEASON.

SEPTEMBER AND OCTOBER.

THE carp family is very numerous, embracing the fishes illustrated in July and Angust as well as those of September and October; and we may, perhaps, be here allowed to state, in admiration of the power which illustrates this Almanack, that it is not an easy matter to paint a fish so as accurately to transmit to canvas its exquisite shape and glowing colours. The moment it is drawn from out its own element the shape afters and the colours fade; and in different localities the fish have, like the chameleon, different colours, so that the artist must have a quick eye and a responding hand to catch the rapidly-flecting hues. Nothing, for instance, can be more beautiful than to watch the hauling of a drift of herring nets. As breadth after breadth emerges from the water, the magnificent colours of the fish flash with ever-changing hues upon the eye, a wonderful pantominic mixture of glancing blue and gold, and silver and purple, blended into one great burning glow of harmonious colour. But, alas for the painter! unless he can instantaneously fix the burnished mass, the light of its colour will be extinguished, its beauty be dimmed long before the boat has time to reach the quay. The brilliant and gaudy fishes of the tropics are indeed gorgeous, as is the plurnage of tropical birds; but for fine taste and beautifully-blended colour they are not to be compared to the common herring of our British waters. There is one of the earp family which is of a beautiful colour, and with which all are familiar—we mean the golden carp, which may be seen floating in its crystal prison in nearly every home of taste, and which swarms in the ponds as Hampton Court and in the tropical waters of the Crystal Palace at Sydenham. These gold and silver fish are supposed to be natives of China, whence they were introduced into this country by the Portuguese about the end of the seventeenth century, and have become, especially of late years, so common as to be hawked about the stre

gh, one would fanoy;—

I ask, what warrant fixed them (like a spell

Of whelvents fixed them) in the error at cell;
To wheel while languid motion round and yound,
British party of in mournful distance bound, warrid,
Or their quick sense our sweetest unside survid,
And whither could they dart, if selved with fear?
No sheltering stone, no tangled rock was near.
When fire or taper cassed to cheer the room,
They wore away the night in states gloom;
And when the sun first dawned upon the streams,
How faint their nortion of his vital beams!
Thus, and unable to complain, they fared,
While not one joy of ours by them was shared.

Goldfish onght never to be purchased except from some very respectable dealer. We have known repeated cases where the whole of the fish bought have died within an hour or two of being taken home. These golden carp which are reared for sale are usually spawned and bred in warmish water, and they ought in consequence to be acclimatised or "tempered" by the dealer before they are parted with.

Returning to the common carp, we may speak of it as being a most useful pond fish. It is a sort of vegetarian, or, at any rate, we may class it among the least carnivorous fishes; it feeds chiefly upon vegetables or decaying organic matter, and very few of them prey upon their kind; while some, it is thought, pass the winter in a torpid state. There is a rhyme which tells us that—

But this couplet must, we think, be wrong, as some of these items were in use long before the carp was known; indeed, it is not exactly known when this fish was first introduced into England, or where it was brought from, but we think it extremely possible that it was brought from Germany. In ancient times there used to be immense ponds filled with earp in Prussia, Saxony, Bohemia, Mecklenburg, and Holstein, and the fish was bred and brought to market with as much regularity as if it had been a fruit or a vegetable. The carp yields its spawn in great quantities, no fewer than 700,000 eggs having been found in a fish of moderate weight (10 lb.); and, being a hardy fish, it is easily cultivated, so that it would be profitable to breed in ponds for the fishmarkets of populous places, and the fish salesmen assure us that there would be a large demand for good fresh carp. It is necessary, according to the best, anthorities, to have the ponds in suites of three—vix., a spawning-pond, a nursery, and a receptacle for the large fish, and to regulate the numbers of breeding fish according to the surface of water. It is not our intention to go minutely into the construction of fishponds; but we may be allowed to say that it is always best to select such a spot for their site as gives the engineer as little trouble as possible. Twelve acres of water divided into three parts

would allow a splendid series of ponds, the first to be three acres in extent, the second an acre more, and the third to be five acres; and here it may be observed that, with water as with land, a given space can only yield a given amount of produce, therefore the ponds must not be overstocked with brood. Two hundred carp, twenty tench, and twenty jack per acre is an ample stock to begin with. A very profitable annual return would be obtained from these twelve acres of water; and, as many country gentlemen have even larger sheets than twelve acres, we recommend this plan of stocking them with carp to their attention. There is only the expense of construction to look to, as an under-keeper or gardener could do all that was necessary in looking after the fish. A gentleman having a large estate in Saxony, on which was situated no less than twenty ponds, some of them as large as twenty-seven acres, found that his stock of fishes added greatly to his income. Some of his carp weighed fifty pounds each, and, upon the occasion of draining one of his ponds, a supply of fish weighing five thousand pounds was taken out; and for good carp it would be no exageration to say that sixpence per pound weight could easily be obtained, which, for a quantity like unto that of this Saxon gentleman, would amount to a sum of 4125 sterling. Now, we have the authority of an eminent fish salesman for stating that ten times the quantity her indicated could be disposed of among the Jews and Catholics of London in a week, and, could a regular supply be obtained, an unlimited quantity might be disposed of. would allow a splendid series of ponds, the first to be three acres in extent, the

could easily be obtained, which, for a quantity like unto that of this Saxon gentleman, would amount to a sum of £125 steriling. Now, we have the authority of an eminent fish salesnam for stating that ten times the quantity here indicated could be disposed of among the Jews and Catholics of London in a week, and, could a regular cupyly be obtained, an unlimited quantity night be disposed of. what can be done in the way of growing; poul fish, we may attach that near Brussels there are several pends for rearing the Irin of fish we have been alluding to. They are the property of Mr. Mathy, and we here transcribe, but not literally, the following account (by Mr. Sinneon) of some of the operations performed on that gentleman's fish-less of La Hulpe and Bolsfare. Although the proprietor has a pretty good supply of water for these ponds, in fear of the qualities of the streams being different, he exchanges his fish from collistic to La Hulpe, and vice verse, an operation which is easily effected by means of large barrels filled with water. The joiling of the eart keeps the fish from the second of the streams being different, he exchanges his fish from the second of t

His balt the least red worm that may be found, And at the bottom it doth always lie, Whereat the greedy gudgeon bites so sound That hooks and all he swalloweth by and by.

Gudgeons were, and indeed are still, so numerous that it was at one time supposed that they spawned twice a year. This arose, no doubt, from the fact of the fish of different waters spawning at different times. Every river has its own season; some are carlier than others—some later. Hence, if a proper study of the different spawning seasons of all our British rivers was entered into we might have clean salmon and other wholesome fish all the year round.

5h, 17m, a.m., and on the 30th at 3h, 42m, a.m., setting at those times at 4h, 15m, p.m. and 2h, 26m, p.m. It is near the Moon at 3h, 46m, a.m. of the

URANUS is now visible throughout the night in the constellation of Gemini. It rises at 6h, 5lm. p.m. of Nov. 1, and at 4h, 53m. p.m. of the 30th, setting at those times at 11h, 33m. a.m. and 9h, 35m. a.m. respectively. It is near the Moon at 10h, 39m. a.m. of the 16th.

DECEMBER.

THE SUN is south of the Equator during this month, and remains in the sign of Sagittarius until 1h. 3m. p.m. of Dec. 21, when it passes into that of Capricornus, and the winter quarter commences.

The Moon is in conjunction with Venus at 2h. 44m. a.m. of the 2nd; with Mars at 1h. 11m. a.m. of the 12th; with Uranus at 6h. 8m. p.m. of the 13th; with Saturn at 5h. 15m. p.m. of the 23rd; with Jupiter at 4h. 32m. a.m. of the 27th; with Mercury at 4h. 59m. a.m. of the 30th, and with Venus at 1h. 50m. a.m. of Jan. 1, 1865. It is at its least distance from the Earth at 10h. p.m. of the 6th, and at its greatest at 9h. a.m. of the 20th.

First Quarter occurs at 34 minutes past 7 on the morning of the 6th.

Full Moon "12" 7 on the morning of the 13th.

Last Quarter "3" 5 on the morning of the 13th.

New Moon "22" 9 on the afternoon of the 28th.

Last Quarter "13" 5 on the morning of the 21st. New Moon "22" 5 on the aftermoon of the 28th.

Occultations of Stars by the Moon.—Dec. 5, Kappa Aquard, 5th magnitude, disappears at 8h. 35m. p.m.; reappears at 8h. 29m. p.m.; angles from vertex 177 and 294 deg. respectively. Dec. 15, Lambda Geninorum, of 3½ magnitude; disappears at 6h. 2m. a.m.; reappears at 6h. 52m. a.m.; angles from vertex 81 and 331 deg. respectively. Dec. 20, n. Leonis, of 5th magnitude; disappears at 2h. 48m. a.m.; reappears at 6h. 52m. a.m.; angles from vertex 14 and 255 deg. respectively.

MERCURY is in the constellation of Ophinchus at the beginning, and in the borders of Capricorums and Sagittarins at the end, of the month. It is best seen at the end of the month, being at its greatest easterly clongation from the Sun at 4h. 3m. p.m. of the 22nd, when it sets after the Sun. It rises on the 19m. p.m. and 5h. 19m. p.m. respectively. It is stationary at 8h. 26m. p.m. of the 29th, and near the Moon at 4h. 59m. a.m., of the 30th. It rises at VEX. is now conspicuous in the south-west as the evening star. It rises at

p.m. of the 29th, and near the Moon at 4h. 59m. a.m. of the 39th.

VENUS is now conspicuous in the south-west as the evening star. It rises at 10h. 37m. a.m. of the 1st and at 10h. 16m. a.m. of the 31st, setting at those times at 6h. 2m. p.m. and 7h. 30m. p.m. respectively. It is in the constellation of Sagittarius at the beginning, and on the borders of those of Capricornus and Aquarius at the end, of the month. It is near the Moon at 2h. 44m. a.m. of Dec. 2, and shortly after midnight of the 31st. It is close to, and directly east of, tota Capricorni at 1h. 8m. a.m. of the 29th; is directly west, and close to Gamma Capricorni at 9h. 32m. a.m. of the same day; and in a similar position with respect to Delta Capricorni at 5h. 46m. p.m. of the 50th.

MANS crives at consolition at 5h. 58m. a.m. of Dec. 1, and is very bright

position with respect to Delta Capricorni at 5h. 46m. p.m. of the 50th.

MARS arrives at opposition at 5h. 58m. a.m. of Dec. 1, and is very bright throughout the month in the constellation of Taurus. It rises at 3h. 25m. p.m. on Dec. 1, and at 1h. p.m. of the 31st, settling at 8h. 9m. a.m. and 5h. 32m. a.m. respectively. It is near the Moon at 1h. 11m. a.m. of the 12th.

JUPITER still continues hid in the rays of the Sun. It remains in the constellation Ophiuchus throughout the month. It is near the Moon at 4h. 32m. a.m. of the 27th. It rises at 7h. 39m. a.m. of the 1st and at 6h. 15m. a.m. of the 31st, settling at those times at 3h. 58m. p.m. and 2h. 17m. p.m. respectively.

SATURN is seen in the east late at night or early in the morning, rising at 3h. 38m. a.m. of Dec. 1. and at 1h. 53m. a.m. of the 31st, and settling at those times at 2h. 22m. p.m. and 0h. 31m. p.m. respectively. It is in the constellation Virgo, and is near the Moon at 5h. 15m. p.m. of the 23rd.

URANUS is now most favourably situated, arriving in opposition at 2h. 5m. a.m. of the 19th. It is near the Moon at 6h. 8m. p.m. of the 13th. It is visible throughout the night, rising at 4h. 40m. p.m. of Dec. 1 and at 2h. 45m. p.m. of Dec. 31, and setting at 9h. 31m. a.m. and 7h. 27m. respectively at those times. It is in the constellation of Gemini.

ECLIPSES IN 1864.

WHEN there are only two eclipses in a year, both of those must be of the Sun. This, the smallest number of eclipses which can occur in a single year, takes place in the year 1864. Neither of those eclipses will be visible in the British Islands.

Islands.

The first occurs on May 5, 1864, and is annular. It will only be seen in this latter condition in the North Pacific Ocean, but will be visible as a partial eclipse in a part of Siberia, the North of Australia, and the northernmost parts of North America. It begins generally at 9h. 30m. p.m. of Greenwich time at 126° 56′ of East Longitude, and 1° 23′ of South Latitude. It ends at 3h. 3m. a.m. of May 6, on the Earth generally in Longitude 130° 25′ West and 20° 9′ of North Latitude.

The second eclipse is also applies and occurs an October 20, 1864. The will be

North Latitude.

The second celipse is also annular, and occurs on October 30, 1864. It will be seen as annular in South America, the South Pacific and South Atlantic Oceans, at between twenty and thirty degrees of South Latitude. A partial celipse will be seen for a short time in the United States of America and the Western Coast of Africa, at the first place for a few moments after sunrise, and at the latitude in the fore runes. latter just before sunset.

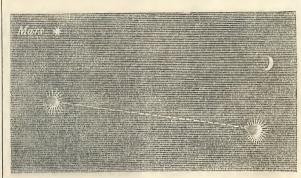
KAPPA CANCRI.

KAPPA CANCRI.

At the disappearance of this star at the Moon's dark limb on the evening of April 26, 1863, Mr. Ralph Copeland, of West Gorton, near Manchester, observing with a good telescope, noticed a remarkable occurrence. He state "the disappearance was very remarkable. About three fourths of the light disappeared in the usual instantaneous manner; and after an interval of (as near as I could judge) rather more than half a second—the remaining portion disappeared. I did not observe the reappearance. I was so surprised at the totally unexpected phenomenon, that I cannot give the time (i.e. the interval between the partial and total disappearance) great weight; but I am certain that it was less than one second." As it would follow from the above that this star must be a very close double, the Rev. Mr. Dawes scrutinised it carefully withis star must be a very close double, the Rev. Mr. Dawes scrutinised it carefully withis star must be a very close double, the first half of the simple disc. It will be seen that Kappa Cancri is occulted three times by the Moon during 1864, and at favourable hours, viz.: on January 24; February 21, and November 19. In observing the same occultation at Highbury on the same occasion, Mr. Burr did not perceive anything extraordinary.

GREAT METEOR ON NOVEMBER 27, 1862.

ONE of the brightest meteors which has been seen for many years appeared on the night of Nov. 27, and, although visible only for a moment, it created great astonishment to those who had the good fortune to witness this remarkable sight. It appears to have been seen by numerous observers in the north, south, and centre of England, and even in Ireland and in France; so that it seems probable that sufficient data are available to calculate its path and height. This latter, as is well known, varies very considerably, ranging from seven to upwards of three hundred miles, so that the greater number of those bodies fly through space at an altitude considerably exceeding the height of the Earth's atmosphere. Their velocity is equally variable, ranging from two to



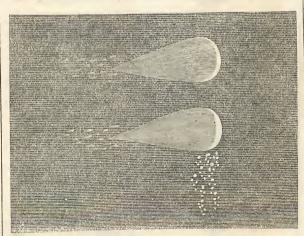
TRACK OF THE METEOR.

fifty miles per second, so that it follows that they traverse space with a velocity exceeding that of the Earth and other planets, the former of which travels round the Sun at the rate of less than mineteen miles per second. Although they appear of such immense size when blazing in the sky, yet considerable allowance must be made for the suddenness and brilliancy of their aspect, which render eye-measurement rather illusive. Their size must not, however, be judged of from the fragments of aerolites which have fallen on the Earth's surface, which are generally comparatively small. The meteor of April, 1852, was estimated to be 105 ft. in diameter; and that of 1841 was supposed to be upwards of 12,000 ft. in diameter. Not knowing the height of the late meteor, it would be impossible to form any idea of its dimensions, although, from its immense diameter and brilliancy, it may fairly be presumed to have been of more than the average size. It has been found that, in general, the direction of their motion is in the contrary sense to that of the Earth's rotation on its axis; and the meteor of Nov. 27 forms no exception to that rule, passing in a westerly direction with great rapidity. It has been supposed that those blazing stars are similar in composition to the rodinary serolites, out of eight hundred of which the fall of thirty-five has been witnessed. At the time of falling into fragments a loud explosion is sometimes heard, which, however, does not appear to have been the case on the present occasion.

Skatches and descriptions have been forwarded to as hymmerous course.

sometimes heard, which, however, does not appear to have been the case on the present occasion.

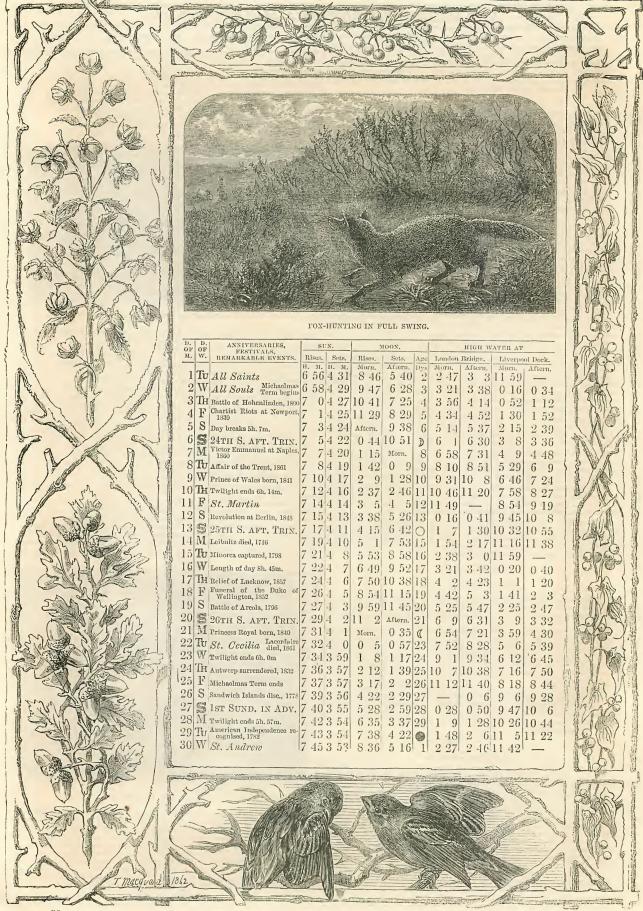
Sketches and descriptions have been forwarded to us by numerous correspondents; but Mr. Lowe, who observed it at Beeston, seems to have seen it under the most favourable circumstances, having witnessed the breaking up of the body into numerous pieces, as delineated in the accompanying diagrams. At Beeston the direction of its course was almost between the stars Beta Ceta and Fomalhaut. Mr. Bridger, of Tonbridge, writes as follows:—"It appeared in sight near the planet Mars, and descended, at a comparatively slow rate, across



THE METEOR AND SPARKS AS SEEN BY MR. LOWE.

the sky under the Moon, and at about half way from the Moon to the horizon it was lost to sight; the disc of light was about one third the size of the Moon, but so intensely bright that the whole of the neighbourhood was illuminated, and the Moon itself appeared to be gone. The colour of the disc was a beautiful violet, and the long train of light was of various colours—green and violet, yellow and red." Mr. Griffin, of Peckham, writes that the meteor "passed from east to west with the rapidity of a skyrocket, its nucleus far exceeding the brightness of the Moon, the rays or halo about it being of a bright blue, and the tail as brilliant as the nucleus." It is remarkable that both these gentlemen, in their drawings of the meteor, show it with a long and slender (Continued on page 54.)

(Continued on page 54.)





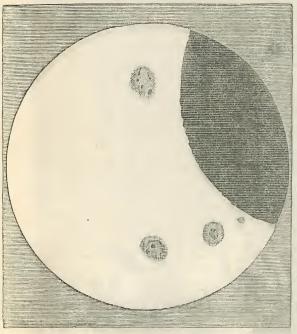
"COUNT EBERHARD THE WEEPER" (COTTA'S EDITION OF SCHILLER) .- FROM "THE ILLUSTRATED LONDON NEWS."

tail, whilst by others it was supposed to be kite-shaped. The writer judged it tail, whilst by others it was supposed to be kite-shaped. The writer judged it to be of the latter form, having seen it to great advantage. The duration of its appearance was estimated to be not longer than three seconds, in which interval it passed through an arc of about fifty degrees. It preserved almost the same brilliancy throughout its course, appearing and disappearing equally suddenly. It did not seem to move with extraordinary velocity across the heavens. At first it appeared of a dazzling and splendid blue tint, but afterwards changed its colour to yellow; but this may be owing to a slight mist which prevailed at the part of the sky at which it disappeared. It seemed almost equal in dimensions to the Moon, but had not the same sharp outline as that body, and its great brilliancy prevented the eye from forming any exact idea of its size. The most natural comparison of its appearance was that of a skyrocket passing slowly across the heavens, and varying in colour as it went along. Although a train was narrowly looked for, none could be perceived, nor does the bursting of it into fragments appear to have been seen at London or Tonbridge, although the sky was clear at the former place at least.

THE ECLIPSE OF THE SUN, MAY 17, 1863.

THE subjoined figure represents the celipse of May 17 at its maximum. There are some groups of spots on the Sun's surface, and the edge of the Moon is ground of the Sun. The view was taken with a five-foot telescope.

As seen near the metropolis, the Moon entered upon the Sun's disc at 5th 42m. p.m., Greenwich time, at a point 88 deg. from the vertex towards the west, or nearly at the right-hand extremity of the Sun's horizontal



THE ECLIPSE OF THE SUN, MAY 17, 1863.

diameter. The eclipse was at its maximum at 6h. 29m. p.m., when pearly one-third of the solar diameter was covered by the Moon; and ended at 7h. 12m. p.m., about half an hour before sunset, the last contact occurring a little to the left of the apparent upper point of the disc.

VENUS.

IT will be seen from the phases and relative dimensions of the disc of Venus given at page 34 that it will be unfavourably situated for telescopic observation during 1864, and that it does not once assume its crescent aspect. It will be best seen at the beginning and end of the year.

SATURN.

During the disappearance of the ring in 1862. M. Otto Struve perceived certain luminous appendages, which were not the same as the ansæ of the ring. They were, however, first observed in December, 1861, by Mr. Wray, who has given representations of this singular appearances in the Astronomical Society's Reports of January, 1863. It will be seen from the diagrams at page 44 that the ring will be considerably more open at the latter end of the year than at the beginning.

NEPTUNE.

ALTHOUGH Neptune is by no means a faint object, yet it has been seen by comparatively few observers. It is visible with the help of a small telescope or comet-seeker, and shines as a star of the eighth magnitude. At page 45 its path during the latter part of 1864 is given, from which its place may readily be found. Its appearance is quite different from that of the neighbouring stars, and it is easily detected by an experienced eye, as it shines with a mild and somewhat blue lustre, and no scintillation is apparent.

OCCULTATION OF BETA CAPRICORNI.

THE brightest star occulted by the Moon during 1864 in those latitudes is that of Beta Capricorni, of the third magnitude, which disappears at 8h. 35m. p.m., and reappears at 9h. 28m. p.m., of October 9. The manner in which the angles are reckoned, as given under the head "Occultation of Stars by the Moon" in each month, will be seen from the diagram at page 45. If an inverting telescope be used (as is always supposed to be the case) the angles from vertex are reckoned from the top round by the right.

COMETS IN 1863.

OF the three comets discovered in the course of 1863 only one—that discovered by Professor Respighi, at Bologna—was bright enough to be seen by the naked eye. On April 26 it is described by Mr. Hodgson as "a beautiful object, very brilliant, and a miniature of Donati's Counct; decided stellar nucleus, and tail of at least a degree in length; visible to the naked eye. The comet discovered by Dr. Klinkerfues could, however be seen during mo

NEW PLANETS.

NEW PLANETS.

SINCE the publication of the ILLUSTRATED LONDON ALMANACK for 1863 four new planets have been discovered. The first, making the seventy-fifth of the group of asteroids, was discovered by Dr. Peters, at the Hamilton College Observatory, United States, on Sept. 22, 1862. The second, or the seventy-sixth of the group, was detected by the same observer on the 12th of November of the same year; but only a few imperfect observations of it could be made, so that it will be almost impossible to re-discover it, as no orbit could be calculated. It was excessively faint, which we suppose was the reason it could not be followed after the 23rd of November. The seventy-seventh of the group was detected at Copenhagen, on Nov. 14, 1862, and has received the name of Freia. It was discovered by Professor D'Arrest. The seventy-eighth planet was found by Dr. Luther, at Bilk, on March 15, 1863, and has received the name of Diana.

TINTED ASTRONOMICAL ILLUSTRATIONS.

NEBULA OF ORION.

TINTED ASTRONOMICAL ILLUSTRATIONS.

NEBULA OF ORION.

The most remarkable nebula visible in our northern heavens is that situated in the richest pertion of the constellation of Orion. With every improvement of the tolescope some new feature is disclosed in this curious-looking object, nor has the past year been barren in this respect, Professor Bond having come to the conclusion that it is spiral in structure (although the folds are more complicated than in those described by Lord Rose), whilst Mr. Lassel has detected a new star in the trapezium. The Russian astronomers have also made a valuable addition to our knowledge in their catalogue of the stars at and near the nebula, whilst Professor Secchi has shown that it extends much further than was formerly thought. In addition to being one of the largest it is also one of the brightest nebulæ visible in those latitudes, and the principal convolutions are plainly seen in a good telescope of moderate dimensions, although it is only in the largest instruments that it can be seen in its full magnificence. The present engraving is on a small scale and taken from the large drawing made by Sir J. Herschel during his stay at the Cape of Good Hope. Its general appearance resembles the head and shoulders of some marine monster with its jaws opened and furnished with an immense probosois. It is in extent about half a degree right and left, and almost as large from the upper to the lower parts. The four very bright stars situated fear its centre and forming a trapezium, give it a very brilliant aspect, and it is very curious that there is not the least trace of nebulosity in the interior space contained by those stars, it being as dark as the exterior sky. There are many other brilliant stars scattered about the nebula, but they do not appear to have any connection with it. Two very faint stars are situated near the four bright ones, but it requires great optical power in order to show them. It has been conjectured, from a comparison of the earlier and later drawings of thi

always situated in the same locality, may warrant us to suppose that some change has taken place.

Although this nebula was long considered as irresolvable, and, as such, was considered a proof of the existence of a nebulous or cloudy matter in the sidereal regions, yet of late years, owing to the greater power and better definition of the telescopes made use of, its resolvability has been fully established. With instruments of lesser power the nebulous part takes the appearance of woolly masses with a mottled and curding light, and it is only when the most powerful reflector or refractor is turned on it that it assumes the form of veritable "star dust" and a granular aspect. This beautiful and remarkable object is best seen during the winter months, and of course the darkest and clearest night should be chosen for its examination; the presence of moonlight or twilight being carefully guarded against.

LUNAR ECLIPSE OF JUNE 1, 1863.

The Lunar Eclipse which occurred on the above day was beautifully seen in the metropolis, and it very seldem happens that circumstances are so favourable when such phenomena are to be observed. Although not so exciting an incident as a total solar eclipse—the one producing some moments darkness during the day, when the contrast is very sudden, and the other an hour's darkness during night—yet the above event was observed with great interest by

numbers in the streets and on the bridges. During the whole of the eclipse the sky was splendidly clear, although in the earlier part of the evening it looked somewhat threatening. Had the eclipse occurred a few minutes earlier, we should have had a recurrence of what happened in the lunar eclipses of 1590, July 17; 1648, Nov. 3; 1666, June 16; and 1668, May 26, when the Moon rose eclipsed whilst the Sun was still apparently above the horizon. Those horizontal eclipses were noticed as early as the time of Pliny. We need not mention that neither the Sun nor Moon are really above the horizon at those times, but the refraction which elevates all celestial bodies raises those in the same manner, and makes both appear at the same time above the horizon.

In Eclipses of the Moon, the particulars to be observed have reference to its appearance and colour when it has fully entered into the shadow of the Earth, in addition to noting the times at which the umbra comes in contact with the edges and different mountains, which gives a ready, although from the difficulty of the observations, somewhat inexact method of determining longitudes. It has been frequently stated that when the Moon is most distant from the Earth during an eclipse, the light from it is much more brilliant than when it is nearest to us, and this would naturally occur from the greater breadth of the cone of shadow in which the Moon is immered in the latter case. On the present occasion the Moon was at its shortest distance from the Earth about thirty hours later than the time of the eclipse. The greater darkness on the orb of the Moon in such instances was found to be really true on the present occasion—the Moon was at its shortest distance from the Earth about thirty hours later than the time of the eclipse. The greater darkness on the orb of the Moon in such instances was found to be really true on the present occasion—the Moon was at its shortest distance from the last occurrence is very rare; it is recorded in two instances, viz.: on April 25, 1642,

less broken and separated; more or less directed by refriction towards the axis of the cone, and cause different tints to be seen even in the course of the colipse. It might not, perhaps, be impossible to tell the state of the sky at different parts of the globe by the simple observation of the edge of the most potent effect on the above phenomena. In the eelipse of Dec. 23, 1703, the Moon appeared of different colour and degrees of obscurity at the various less than the relative representation.

he Moon appeared of different colour and degrees of obscurity at the various localities where it was observed.

In the present instance, the colour of the Earth's shadow on the lunar surface changed perceptibly during the cellipse. At first when the obscured part was of small dimensions, it was of an iron grey tint, but as it approached totality, the reddish light became so apparent that it was remarked that the Moon "seemed to be on fire," and when the totality had commenced it certainly looked like a fire smouldering in its ashes, and almost going out. The bluish tint at the edge of the shadow was well seen about ten minutes before the Moon was extinguished, and when the celipsed and ruddy portion of the Moon's surface was very apparent. Both the blue and red portions of the Moon are satisfactorily accounted for under those circumstances. The rays of sunlight which pass through the lower parts of the Earth's atmosphere always assume a red tint, and when a comparatively faint white light is placed beside such a ruddy tint it appears, from contrast, of a decided blue colour. It has been remarked that the ruddy tint is not uniform over the lunar disc when cellipsed; but this, as before stated, is explained by the different states of the Earth's atmosphere through which the solar light is refracted before arriving at the Moon.

been remarked that the ruddy tint is not uniform over the lunar disc when eelipsed; but this, as before stated, is explained by the different states of the Earth's atmosphere through which the solar light is refracted before arriving at the Moon.

Although the first contact with the half-shadow took place at Sh. 49m. p.m., yet this was so faint that the time could not be accurately noted. When even the real shadow appeared there was an uncertainty of some seconds; the time noted was 9h. 46m. 30s. The commencement of total darkness was observed to be 10h. 53m. 13s., and the times when the Moon's disc reappeared occurred at 11h. 58m. 43s. As the Moon's light diminished, various small and faint stars were seen in the immediate neighbourhood of its disc, and one of those to the south disappearad at 10h. 48m. 47s., 5. The advancing shadow passed over the mountain Erastothenes at 10h. 13m. 58s.; over Pico at 10h. 28m. 58s.; across the central part of Plato, or the Lacus Niger of the ancients and one of the darkest portions of the Moon at 10h. 29m. 48s. The retreating shadow passed over Aristarchus, the brightest spot on the lunar surface, at 12h. 9m. 49s. These (Greenwich) times were taken by an admirable pocket chronometer made by M. Baume, F.S.A., F.R.A.S. (Who kindly assisted at these observations) and was one of those for the going of which he received the Prize Medal at the Exhibition of 1862. On the present occasion its rate was found to be excellent.

At the time of totality the Moon presented a soft woolly appearance, apparently more globular in form than when fully illuminated. Traces of the larger and brighter mountains were visible at the time of totality, and particularly the bright rays proceeding from Tycho, Kepler, and Aristarclus. The sky being beautifully clear, the effect of the Moon's light in obliterating the fainter stars was very apparent. As the light became gradually dimmer, one star after another came out (even those close to the Moon'), until at length the whole of the Milky Way, which had p

CLUSTER IN SAGITTARIUS.

IF the constellations of Coma Berenices and Virgo are the richest in nebulous objects, those of Scorpio and Sagittarius are so in clusters, and their position in

respect to the Milky Way is very remarkable. We give here a sketch of a beautiful object of this class taken with the Northumberland telescope of the Cambridge Observatory, although a much less powerful telescope is sufficient beautiful object of this class taken with the Northumberland telescope of the Cambridge Observatory, although a much less powerful telescope is sufficient to show it very well. The stars are pretty bright and thickly scattered. It can scarcely be called a globular cluster, as it does not present the condensed centre and rounded appearance of that class; but with a telescope of moderate size some idea may be formed of the richness and beauty which the latter presents with superior optical aid. This object is situated at R. A. 18h. 26m. and N. P. D. 114° 2′, and is Messier 22. There are two sizes of stars in this cluster—those of the 11th and those of the 15th magnitudes—the former have a ruddy tint.

MARS.

MARS again comes into opposition with the Sun in the winter of 1864, and, though not so large as during its appearances in 1860 and 1862, will still approach sufficiently near the Earth and Sun to be well seen and a brilliant object during the dark nights of November. We give its appearance as seen an excellent refracting telescope, made by Wray, on Dea. 10, 1862, at which time, however, it had become much smaller and its gibbous aspect was very conspicuous. From observations made by Mr. Lassell at Malta during the last appearance, he comes to the conclusion that great atmospheric changes take place continually in this planet, and he occasionally finds great difficulty in recognising its seas and continents, although it is well known that these are the permanent spots of its globe. Mr. Joynson, of Liverpool, noticed that the general colour of the planet was yellow, with the exception of a part of the northern hemisphere, which was reddish. The spots he found to be of a dead, greenish cast, sometimes purple, but in the main very dark. The northern hemisphere was always best defined, the southern rather indistinct; and he found that the snow at the south pole was not exactly on the axis of rotation. The relative dimensions of the disc of Mars is given at page 41, and the path of Mars during opposition at page 35. the path of Mars during opposition at page 35.

JUPITER.

JUPITER.

In last year's Almanack will be found an elaborate drawing of Jupiter, taken in 1862 by Mr. Wray, with one of his excellent telescopes. The present engraving of Jupiter is taken with an instrument by the same maker, which, for its exceilent definition, may be classed with the best telescopes of Fraunhofer. It was observed by Mr. Buekingham, C.B., who kindly communicates the following notes of the aspect of the planet at 10h. 45m. p.m. of April 28:—The belts were broader than any previously noticed, and there was an entire break through the upper one at the centre, with a long canal stretching a considerable distance into it. There was an intensely black spot at the centre, the division between the belts to the right of which was quite white. Indications of an upper faint belt were seen, and the poles of the planet were covered for a considerable distance with faint but indistinct cloudiness. The black spot was again seen on the evening of May 7, on which occasion three belts were plainly visible, in the upper one of which white spots were visible. Two more detached faint spots were visible at the same time. The telescope used had an object-glass of five inches in diameter, and was one of those which gained the prize medal in the Exhibition of 1862. The relative dimensions of the disc of Jupiter in 1864 are given at page 44.

GREAT COMET OF 1861.

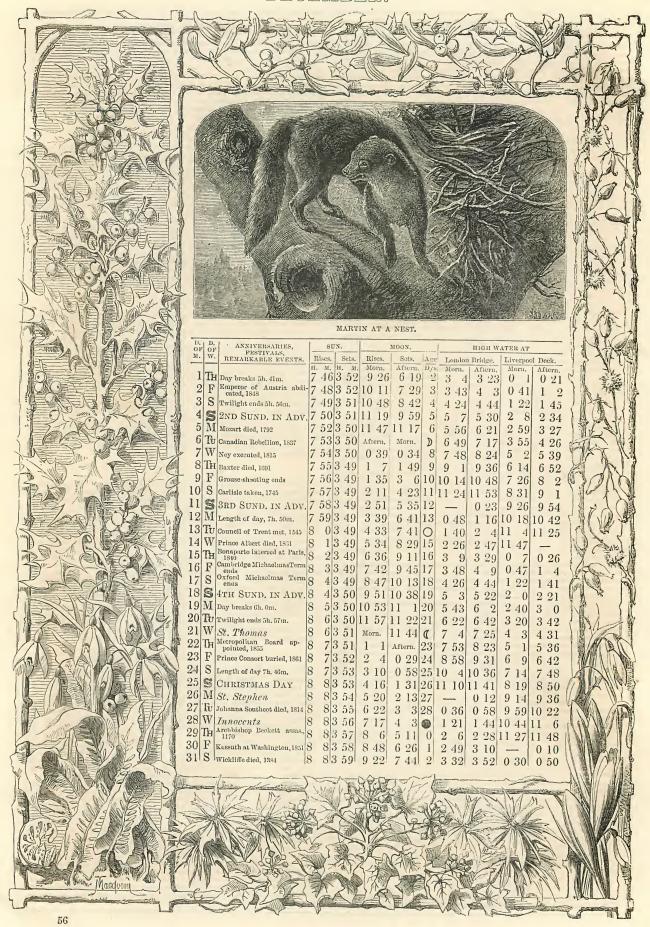
GREAT COMET OF 1861.

THE Rev. T. W. Webb has lately published an account of the great comet which appeared in the summer of 1861, and has given a drawing of its aspect as it appeared on the first night of its discovery in those latitudes. The envelopes were numerous, as will be seen from the Engraving, and arranged in the most complicated form; and with the bright nucleus "it was as though a number of light, hazy clouds were floating around a miniature full moon." The most brilliant of the luminous veils was that in the interior issuing from the nucleus like an actual jet or stream. The envelopes (six in number) could not be traced for any considerable distance from the head, and were surrounded by the usual diffused nebulosity. From the absence of any phase Mr. Webb concludes that the nucleus contained no concentration of opaque matter, and that it did not shine by intrinsic light. Its rotation on an axis he also considers improbable, as the luminous rays always issued from the same part, and there were no indications of rotation in the tail. The luminous fan-light round the nucleus he found was of later formation than the envelopes, and much posterior to the perihelion passage. The nebulous veils he found to be invariably brighter at one side than the other. This comet was visible for a great length of time, and was observed nine months after its first appearance, but, of course, after the months of July and August it was an exceedingly faint object, and only visible in the largest telescopes.

SOLAR SPOT OF JULY AND AUGUST, 1862.

SOLAR SPOT OF JULY AND AUGUST, 1862.

In the Great Exhibition of 1862 there might have been noticed some excellent "autographs" of the Sun, taken by Professor Selwyn and Mr. Titterton, of Ely; and among those a somewhat remarkable one, photographed during the harvest period of that year, showing a notch in the margin of the Sun, produced by the presence of a dark spot. This group of solar spots (which is copied in the Engraving, from a drawing by Mr. Howlett) was of great dimensions, the greatest length being upwards of 120,000 miles. The interior of the principal spot was not entirely black, there being a large mass of brilliant light near the nucleus, which, on July 25, embraced a superficial area of 72,000,000 square miles, and which was as completely insulated as the nucleus itself from the bright surface of the Sun by a distinct penumbra. This lustrous patch contracted considerably during the two following days; and, although very apparent at 7h. 30m. a.m. of July 27, when the drawing was taken, had altogether disappeared at 3h. p.m. of the same day. The great point of interest, however, in connection with this group was its disappearance during the day of Aug. 4, and the question as to whether it made a distinct notch in the margin of the Sun, as shown by the photographs, which latter would argue their cavernous nature. Lucklity the spot was observed by Mr. Howlett on several occasions between seven in the morning and six in the evening, by which latter time the spot had disappeared, with the exception of a few penumbral patches and groups of faculæ. At this time, also, a real but very small notch was perceived, but not so large as that represented in the photograph as existing in the earlier part of the day. The care with which Mr. Titterton's sun-piceurs are taken, and the sharpness of their definition, was amply demonstrated by the specimens at the International Exhibition, but the discrepancy may be accounted for by supposing that the plate was not exposed a sufficient length of time for the dim light





"THE GRAPPLERS," MODELLED BY MOLIN,-FROM "THE ILLUSTRATED LONDON NEWS."

THERE was no work in sculpture in the International Exhibition of 1862 which attracted, and deserved to attract, so much attention, and which elicited so much as nearly unanimous admiration, as this group which was exhibited in the nave before the Swedish Court. Critics of the most opposite schools had graphically rendered that it seems to border on exaggeration, and comes agreed to praise its masterly vigour, and the public was fascinated with the terror of its situation. We know of nothing in modern sculpture which can be quite fitly compared with this death struggle, and little in ancient art except the group of "The Wrestlers," or, more correctly, "The Pancratiasts," in the tribune of the Uflizi at Florence. Above all, it has national character which made the old Greek sculpture what it was more, the mational character which made the old Greek sculpture what it was more, and the province of the unit o

FRESH-WATER FISHES IN THEIR SEASON.

NOVEMBER AND DECEMBER.

FRESH-WATER FISHES IN THEIR SEASON.

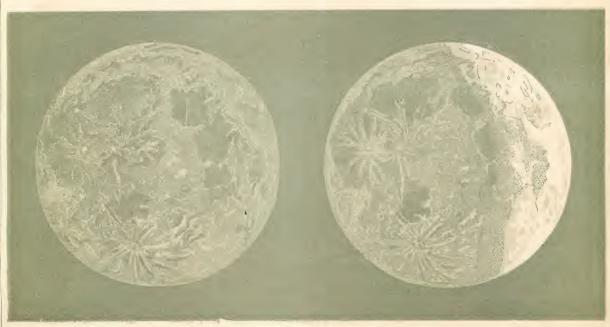
KOVEMBER AND DECEMBER.

The grayling, as may be seen from our Drawing, is a defeate but benafful fish. The grayling, as may be seen from our Drawing, is a defeate but benafful fish. The grayling accesses more than assal interest just at present from the many successful actompts which are being made to acclimate it in rivers to which it has hitherto been a stronger. It is such to be that the property of the monks. There is every probability of this having been the case; indeed, from what we know now of piscleulture, we om readily guess how the feat was accomplished, ethologic and an other stronger being the act of the company of the comp

oon almanack for the eggs and the destruction of the fry, and the true way to restore the status que was to afford the young fab protection, which he concluded must be done by securing the eggs and guarding them till they came to life, and afterwards feeling the fab. Remy set to work, and in this simple way inaugurated the present gigantic system of fab. culture which is now giving fresh life to the French waters. He began at first by collecting the eggs of tront and other fab, and also by could be protected the protection of the control of



THE GREAT NEBULA IN ORION.



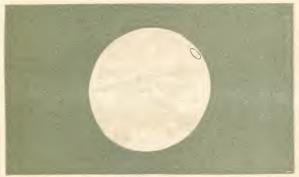
TOTAL BOLIPSE,

LUNAR ECLIPSE OF JUNE 1, 1868.

PARTIAL MCLIPSE,



RICH CLUSTER IN BAGITTARIUS, R. A. 18H. 26M., N. P. D. 114° 1'



MARS, DECEMBER 10, 1862.



JUPITER, APRIL 28, 1868.

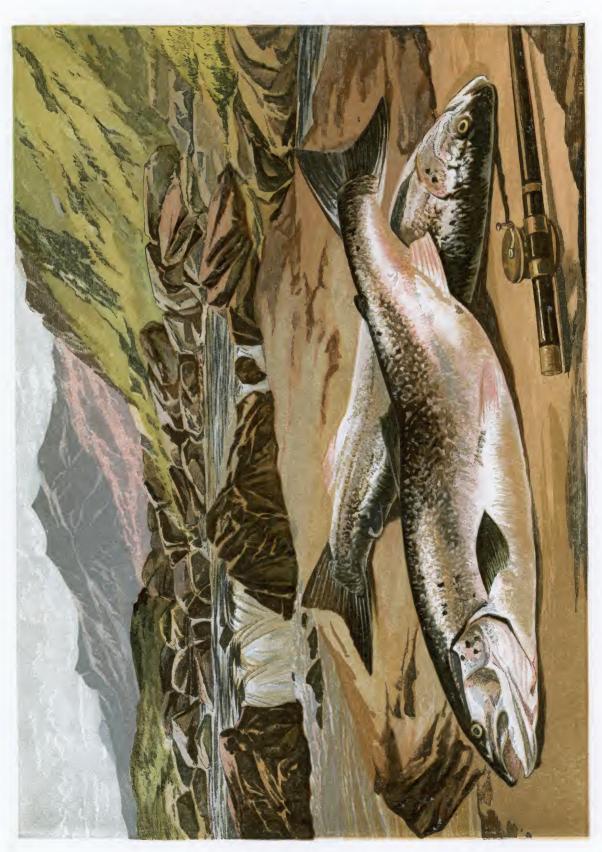


COMET, 1861, JUNE 30.



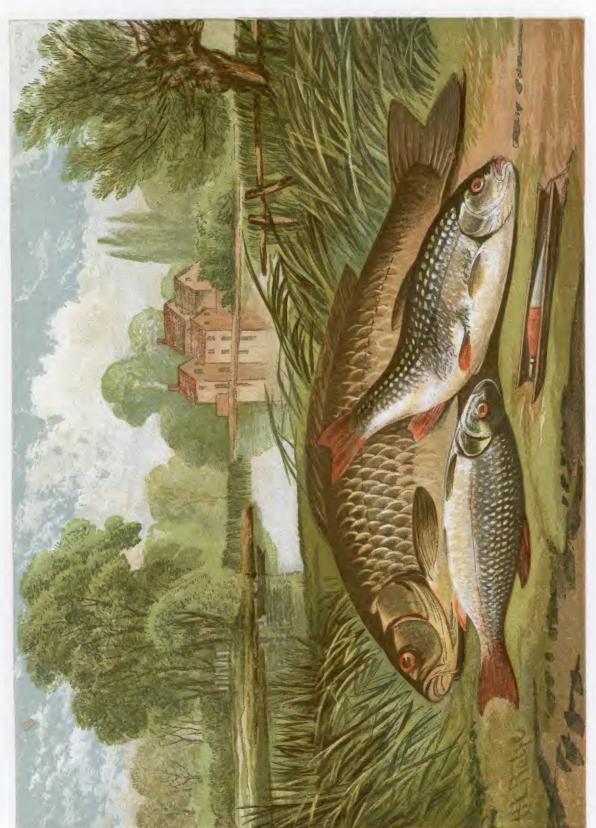
BOLAR SPOT, 1862, JULY 27, 7H. 30M. A.M.

PIKE AND PERCH.



TROUT AND CHAR

BARBEL AND DACE.



CARP AND ROACH.

